

Beginning PowerApps The Non Developers Guide To Building Business Le Applications

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Implementing Microsoft Dynamics 365 for Finance and Operations - Rahul Mohta

2017-09-15

Harness the power of Dynamics 365 Operations and discover all you need to implement it About This Book Master all the necessary tools

and resources to evaluate Dynamics 365 for Operations, implement it, and proactively maintain it. Troubleshoot your problems effectively with your Dynamics 365 partner Learn about architecture, deployment choices, integration, configuration and data

migration, development, testing, reporting and BI, support, upgrading, and more. Who This Book Is For This book is for technology leaders, project managers solution architects, and consultants who are planning to implement, are in the process of implementing, or are currently upgrading to Dynamics 365 for Operations. This book will help you effectively learn and implement Dynamics 365 for Operations. What You Will Learn Learn about Microsoft Dynamics 365, it's offerings, plans and details of Finance and Operations, Enterprise edition Understand the methodology and the tool, architecture, and deployment options Effectively plan and manage configurations and data migration, functional design, and technical design Understand integration frameworks, development concepts, best practices, and recommendations while developing new solutions Learn how to leverage intelligence and analytics through Power BI, machine learning, IOT, and Cortana intelligence Master

testing, training, going live, upgrading, and how to get support during and after the implementation In Detail Microsoft Dynamics 365 for Finance and Operations, Enterprise edition, is a modern, cloud-first, mobile-first, ERP solution suitable for medium and large enterprise customers. This book will guide you through the entire life cycle of a implementation, helping you avoid common pitfalls while increasing your efficiency and effectiveness at every stage of the project. Starting with the foundations, the book introduces the Microsoft Dynamics 365 offerings, plans, and products. You will be taken through the various methodologies, architectures, and deployments so you can select, implement, and maintain Microsoft Dynamics 365 for Finance and Operations, Enterprise edition. You will delve in-depth into the various phases of implementation: project management, analysis, configuration, data migration, design, development, using

Power BI, machine learning, Cortana analytics for intelligence, testing, training, and finally deployment, support cycles, and upgrading. This book focuses on providing you with information about the product and the various concepts and tools, along with real-life examples from the field and guidance that will empower you to execute and implement Dynamics 365 for Finance and Operations, Enterprise edition. Style and approach This book is a step-by-step guide focusing on implementing Dynamics 365 Operations solutions for your organization.

Learn Microsoft PowerApps

- Matthew Weston 2019-11-29

A step-by-step guide that will help you create, share, and deploy applications across your organization using MS

PowerApps Key Features • Create apps with rich user experiences without paying for costly developers • Improve productivity with business process automation using Microsoft Power Automate • Build enterprise-grade apps

with MS PowerApps' built-in storage space, Common Data Service Book Description Microsoft PowerApps provides a modern approach to building business applications for mobile, tablet, and browser. Learn Microsoft PowerApps will guide you in creating powerful and productive apps that will add value to your organization by helping you transform old and inefficient processes and workflows. Starting with an introduction to PowerApps, this book will help you set up and configure your first application. You'll explore a variety of built-in templates and understand the key difference between types of applications such as canvas and model-driven apps, which are used to create apps for specific business scenarios. In addition to this, you'll learn how to generate and integrate apps directly with SharePoint, and gain an understanding of PowerApps key components such as connectors and formulas. As you advance, you'll be able to use various controls and data sources,

including technologies such as GPS, and combine them to create an iterative app. Finally, the book will help you understand how PowerApps can use several Microsoft Power Automate and Azure functionalities to improve your applications. By the end of this PowerApps book, you'll be ready to confidently develop lightweight business applications with minimal code.

What you will learn • Design an app by simply dragging and dropping elements onto your canvas • Understand how to store images within PowerApps • Explore the use of GPS and how you can use GPS data in PowerApps • Get to grips with using barcodes and QR codes in your apps • Share your applications with the help of Microsoft Teams and SharePoint • Use connectors to share data between your app and Microsoft's app ecosystem

Who this book is for This book is ideal for business analysts, IT professionals, and both developers and non-developers alike. If you want to meet business needs by creating

high productivity apps, this book is for you. Don't worry if you have no experience or knowledge of PowerApps, this book simplifies PowerApps for beginners.

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Microsoft Power BI For Dummies - Jack A. Hyman
2022-02-08

Reveal the insights behind your company's data with Microsoft Power BI. Microsoft Power BI allows intuitive access to data that can power intelligent business decisions and

insightful strategies. The question is, do you have the Power BI skills to make your organization's numbers spill their secrets? In Microsoft Power BI For Dummies, expert lecturer, consultant, and author Jack Hyman delivers a start-to-finish guide to applying the Power BI platform to your own firm's data. You'll discover how to start exploring your data sources, build data models, visualize your results, and create compelling reports that motivate decisive action. Tackle the basics of Microsoft Power BI and, when you're done with that, move on to advanced functions like accessing data with DAX and app integrations Guide your organization's direction and decisions with rock-solid conclusions based on real-world data Impress your bosses and confidently lead your direct reports with exciting insights drawn from Power BI's useful visualization tools It's one thing for your company to have data at its disposal. It's another thing entirely to know what to do with it. Microsoft

Power BI For Dummies is the straightforward blueprint you need to apply one of the most powerful business intelligence tools on the market to your firm's existing data.

Digital Transformation with Dataverse for Teams -

Srikumar Nair 2021-10-29

Design, build, and deploy multi-platform apps to overcome crucial business problems by leveraging the capabilities of low-code and no-code development enabled through Microsoft Power Platform and Teams Key Features Find out how you can accelerate the digital transformation of your organization as a citizen developer Build your first app with the help of step-by-step guidance and add capabilities with flows and bots Learn about lifecycle management for applications, environments, and licensing Book Description Microsoft Dataverse for Teams is a built-in, low-code data platform for Teams and enables everyone to easily build and deploy apps, flows, and intelligent chatbots using

Power Apps, Power Automate, and Power Virtual Agents (PVA) embedded in Microsoft Teams. Without learning any coding language, you will be able to build apps with step-by-step explanations for setting up Teams, creating tables to store data, and leverage the data for your digital solutions. With the techniques covered in the book, you'll be able to develop your first app with Dataverse for Teams within an hour! You'll then learn how to automate repetitive tasks or build alerts using Power Automate and Power Virtual Agents. As you get to grips with building these digital solutions, you'll also be able to understand when to consider upgrading from Dataverse for Teams to Dataverse, along with its advanced features. Finally, you'll explore features for administration and governance and understand the licensing requirements of Microsoft Dataverse for Teams and PowerApps. Having acquired the skills to build and deploy an enterprise-grade digital solution, by the end of the

book, you will have become a qualified citizen developer and be ready to lead a digital revolution in your organization. What you will learn

Gain a deeper understanding of Microsoft Dataverse for Teams by exploring various business scenarios

Design, build, and deploy enterprise-grade applications for Teams

Develop Power Automate flows and PVA bots using Dataverse for Teams

Discover administration and security best practices

Understand the licensing requirements and advanced features of Microsoft Dataverse

Identify scenarios in your organizations where your citizen development skills can be leveraged

Who this book is for

The book is for citizen developers, business professionals, or anyone looking to develop applications to solve critical business problems. Basic knowledge of using software like PowerPoint, Excel-like formulae, and navigating between application screens is all you need to get started with this book.

Workflow Automation with

Microsoft Power Automate -
Aaron Guilmette 2020-09-18
Microsoft Power Automate is a workflow automation solution included in Microsoft 365. This book explores the core concepts of workflow automation, such as working with connectors, triggers, and actions, along with their practical implementation in automating business tasks and simplifying digital processes to boost enterprise productivity.

Deploying SharePoint 2019 -
Vlad Catrinescu 2019-05-21
Update to a version of SharePoint that offers the best of both on-premise and the cloud using SharePoint 2019, the latest release of this cornerstone technology from Microsoft. Don your technical learning hat to get up close and confident on the new time-saving modern features of on-premise, and the many new security and hybrid settings. *Deploying SharePoint 2019* begins with a general introduction to SharePoint 2019, covering new features and expanding your knowledge and capability with the

technology systematically. You will learn about the new world of SharePoint, and how it was “cloud-born” from Office 365. From there you will dive into learning how to design a physical architecture for SharePoint Server 2019 and get familiar with the key concepts of high availability (HA) and disaster recovery (DR) solutions. What You'll Learn Install, configure, and optimize SharePoint 2019 Understand SharePoint 2019 as a hybrid framework Get comfortable with new tools, such as Flow, PowerApps, and Power BI Configure systems connected to SharePoint, such as Office Online Server and Workflow Manager Migrate content and service databases from previous versions of SharePoint to SharePoint 2019 Implement HA and DR topologies with SharePoint 2019 to satisfy business continuity requirements Who This Book Is For Those tasked with installing, configuring, and maintaining SharePoint Server 2019 for their organization. This book

assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2013 or SharePoint 2016.

Beginning PowerApps - Tim Leung 2017-11-28

Build mobile apps that specifically target your company's unique business needs, with the same ease of writing a simple spreadsheet! With this book, you will build business apps designed to work with your company's systems and databases, without having to enlist the expertise of costly, professionally trained software developers. In *Beginning PowerApps*, author and business applications expert Tim Leung guides you step-by-step through the process of building your own mobile app. He assumes no technical background, although if you have worked with Excel, you are one step closer. He guides you through scenarios, such as what to do if you have existing databases with complex data structures and how to write screens that can connect to those data. You will come away

with an understanding of how to set up screen navigation, manipulate data from within apps, and write solutions to perform specific tasks. What You'll Learn Connect with data Write formulas Visualize your data through charts Work with global positioning systems (GPS) Build flows Import and export data Manage offline scenarios Develop custom application programming interfaces (API) Who This Book Is For Beginners and non-developers, and assumes no prior knowledge of PowerApps

Beginning Office 365 Collaboration Apps - Ralph Mercurio 2018-08-25

Start making the most of the latest collaboration tools in Office 365—including SharePoint, OneDrive, Office 365 Groups, Office, Teams, Yammer, Planner, Stream, Forms, and Flow—and integrate them into your team's projects to boost productivity, engagement, innovation, and enjoyment at work. This book walks you through the features, teaching you how to choose the right tools for your situation.

While technologies for collaboration are more advanced than ever before, there also are more of them. Beginning Office 365 Collaboration Apps will help you make sense of what is available and how it can help you and your team be more productive. What You'll Learn Know the collaboration features available across Office 365, and how to choose the ones that are right for you and your colleagues in any given situation Understand the software-as-a-service (SaaS) model and how it enables users to be more productive and effective Discover how multi-device usability and real-time cloud synchronization can help your team collaborate any time, anywhere, across the apps Find out how Planner can help you manage projects and tasks, even without a project manager Explore Microsoft Flow to connect applications and services and create code-less workflows Who This Book is For Office 365 business users with a limited technical background. You should be

familiar with the Microsoft Office suite products such as Word and Outlook, and work in a team environment.

Learn Azure in a Month of Lunches, Second Edition -

Iain Foulds 2020-10-06

Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills.

Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure

features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside Understanding Azure beyond point-and-click Securing applications and data Automating your environment Azure services for machine

learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure

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Microsoft Power Platform
Enterprise Architecture -
Robert Rybaric 2020-09-25
Gain a 360-degree view of
Microsoft Power Platform and
combine the benefits of Power
Apps, Power BI, Power
Automate, Azure, and
Dynamics 365 to build an
enterprise application platform
for your organization Key
FeaturesExplore various
Microsoft cloud components
and find out how they can
enhance your Power Platform
solutionsGet to grips with
Microsoft Power Platform's
security and extensibility,
integration, and data migration
modelsDiscover architectural
best practices for designing
complex enterprise
solutionsBook Description For
forward-looking architects and
decision makers who want to
craft complex solutions to
serve growing business needs,
Microsoft Power Platform
Enterprise Architecture offers
an array of architectural best

practices and techniques. With
this book, you'll learn how to
design robust software using
the tools available in the Power
Platform suite and be able to
integrate them seamlessly with
various Microsoft 365 and
Azure components. Unlike most
other resources that are
overwhelmingly long and
unstructured, this book covers
essential concepts using
concise yet practical examples
to help you save time. You'll
develop the skills you need to
architect, design, and manage
a complex solution as you
follow the journey of a fictitious
enterprise customer as they
enter the world of Power
Platform. Throughout the book,
you'll discover how to combine
the functionality of Power
Apps, Power Automate, Power
BI, and Power Virtual Agents
with various methodologies to
effectively address application
lifecycle management, security,
and extensibility. Finally, you'll
learn how to overcome
common challenges in
migrating data to and from
Microsoft Power Platform using
proven techniques. By the end

of this book, you'll have the strategic perspective of an enterprise architect to make accurate architectural decisions for your complex Power Platform projects. What you will learn

Understand various Dynamics 365 CRM, ERP, and AI modules for creating Power Platform solutions

Enhance Power Platform with Microsoft 365 and Azure

Find out which regions, staging environments, and user licensing groups need to be employed when creating enterprise solutions

Implement sophisticated security by using various authentication and authorization techniques

Extend Power Apps, Power BI, and Power Automate to create custom applications

Integrate your solution with various in-house Microsoft components or third-party systems using integration patterns

Who this book is for

This book is for enterprise architects and technical decision makers who want to craft complex solutions using Microsoft Power Platform to serve growing business needs

and to stay competitive in the modern IT world. A basic understanding of Microsoft Power Platform will help you to get started with this book.

Beginning PowerApps - Tim Leung 2017-11-27

Build mobile apps that specifically target your company's unique business needs, with the same ease of writing a simple spreadsheet!

With this book, you will build business apps designed to work with your company's systems and databases, without having to enlist the expertise of costly, professionally trained software developers. In *Beginning PowerApps*, author and business applications expert Tim Leung guides you step-by-step through the process of building your own mobile app. He assumes no technical background, although if you have worked with Excel, you are one step closer. He guides you through scenarios, such as what to do if you have existing databases with complex data structures and how to write screens that can connect to those data. You will come away

with an understanding of how to set up screen navigation, manipulate data from within apps, and write solutions to perform specific tasks. What You'll Learn Connect with data Write formulas Visualize your data through charts Work with global positioning systems (GPS) Build flows Import and export data Manage offline scenarios Develop custom application programming interfaces (API) Who This Book Is For Beginners and non-developers, and assumes no prior knowledge of PowerApps [Agile Processes in Software Engineering and Extreme Programming](#) - Peggy Gregory 2021-06-09

This open access book constitutes the proceedings of the 22nd International Conference on Agile Software Development, XP 2021, which was held virtually during June 14-18, 2021. XP is the premier agile software development conference combining research and practice. It is a unique forum where agile researchers, practitioners, thought leaders, coaches, and trainers get

together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. XP conferences provide an informal environment to learn and trigger discussions and welcome both people new to agile and seasoned agile practitioners. This year's conference was held with the theme "Agile Turns Twenty While the World Goes Online". The 11 full and 2 short papers presented in this volume were carefully reviewed and selected from 38 submissions. They were organized in topical sections named: agile practices; process assessment; large-scale agile; and short contributions.

Microsoft Power BI Quick Start Guide - Devin Knight 2018-07-30

Bring your data to life with Power BI Key Features Get to grips with the fundamentals of Microsoft Power BI and its Business Intelligence capabilities Build accurate analytical models, reports and dashboards Get faster and more intuitive insights from

your data using Microsoft Power BI Book Description Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights using your organization's data. This book will get you started with business intelligence using the Power BI toolset, covering essential concepts such as installation, designing effective data models, as well as building basic dashboards and visualizations to make your data come to life. You will learn how to get your data the way you want - connecting to data sources and how to clean your data with the Power BI Query Editor. You will next learn how to properly design your data model to make your data easier to work with.. You will next learn how to properly design your data model to navigate table relationships and build DAX formulas to make your data easier to work with. Visualizing your data is another key element of this book, and you will learn how to follow proper data visualization styles and enhanced digital

storytelling techniques. By the end of this book, you will understand how to administer your organization's Power BI environment so deployment can be made seamless, data refreshes can run properly, and security can be fully implemented. What you will learn: Connect to data sources using both import and DirectQuery options. Use the Query Editor to apply data transformations and data cleansing processes, including learning how to write M and R scripts. Design optimized data models by designing relationships and DAX calculations. Leverage built-in and custom visuals to design effective reports. Use the Power BI Desktop and Power BI Service to implement Row Level Security on your model. Administer a Power BI cloud tenant for your organization. Deploy your Power BI Desktop files into the Power BI Report Server. Who this book is for: This book is for aspiring Business Intelligence professionals who want to get up and running with Microsoft

Power BI. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you.

Implementing DevOps with Microsoft Azure - Mitesh Soni
2017-04-28

Accelerate and Automate Build, Deploy, and Management of applications to achieve High Availability. About This Book This guide highlights tools that offer development and deployment environments for application services Secure and continuously monitor your web application in order to make it highly available Use Visual Studio Team Services for Continuous Integration and Continuous Development to expedite your application life cycle management process Use Microsoft Azure App Services (Azure Web Apps / Azure Websites), PaaS offering from Microsoft to deploy web application Who This Book Is For This book is for DevOps engineers, system administrators, and developers (.net) who want to implement DevOps for their organization.

You do not need to have any knowledge of VSTS or Azure App Services (Azure Web Apps / Azure Websites). What You Will Learn Explore the features of PaaS and aPaaS in DevOps Use Visual Studio Team Services (VSTS) to manage versions of code and integrating VSTS with Eclipse IDE Understand and configure Continuous Integration in VSTS Review Unit Test Execution for Automated Testing Create different environments that can be used to continuous deploy a web application Configure Roll-based Access to enable secure access for Azure Web Apps Create and configure the App Service Environment to enhance security Understand the execution of the end-to-end automation process Conduct Performance Testing using JMeter Discover the different monitoring options available in Microsoft Azure Portal In Detail This book will teach you all about the Visual Studio Team Services and Microsoft Azure PaaS offerings that support Continuous Integration, Continuous

Delivery, Continuous Deployment, and execution in the cloud with high availability, disaster recovery, and security. You will first be given a tour of all the concepts and tools that Microsoft Azure has to offer and how these can be used in situations to cultivate the DevOps culture. You'll be taught how to use and manage Visual Studio Team Services (VSTS) and about the structure of the sample application used throughout the book. You will become familiar with the nitty gritty of Continuous Integration and Continuous Development with VSTS and Microsoft Azure Apps. You will not only learn how to create App service environments, but also how to compare Azure Web Apps and App Service Environments to deploy web applications in a more secure environment. Once you have completed Continuous Integration and created the Platform for application deployment, you will learn more about the final stepping stone in achieving end-to-end automation using approval-

based Continuous Delivery and Deployment. You will then learn about Continuous Monitoring, using the monitoring and notification options provided by Microsoft Azure and Visual Studio Team Services. Style and Approach This book is an easy-to-follow guide filled with examples and real-world applications for gaining an in-depth understanding of Microsoft Azure and Visual Studio. This book will help you leverage Microsoft Azure and Visual Studio using real-world examples.

Essential PowerShell for Office 365 - Vlad Catrinescu
2018-03-27

Take your Office 365 skills to the next level. Master PowerShell for Office 365 to stay competitive in today's world of highly sought after cloud management skills. With expert guidance, IT pros will learn how to leverage the muscle of PowerShell to automate many advanced administrative tasks not otherwise accessible in the Office 365 Admin Center. You

will discover how to unlock configuration options and automate tasks in order to free up valuable time and resources. This book is your companion to administering Office 365 with PowerShell. You will learn time-saving techniques such as how to streamline administrative tasks, and how to manage users, licenses, and Office 365 services. Expert and MVP Vlad Catrinescu introduces each chapter with an overview and basic fundamentals, such as how to connect to your required service in Office 365, so that you have a solid foundation for success. Benefit from learning the theory behind PowerShell for Office 365 and put your knowledge to practice with numerous hands-on code examples. What You'll Learn Manage users in bulk Export data such as user lists and groups Create and manage Office 365 groups Manage Exchange online distribution lists, mailboxes, and contacts Configure Skype for Business settings Perform compliance searches directly from

PowerShell Who This Book Is For Any IT pro who needs to manage Office 365 or one of its services such as Exchange, SharePoint, or Skype for Business. Readers should have a basic knowledge of PowerShell and the Office 365 service they want to manage. *Introducing Microsoft Flow* - Vijai Anand Ramalingam 2018-05-30 Use Microsoft Flow in your business to improve productivity through automation with this step-by-step introductory text from a Microsoft Flow expert. You'll see the prerequisites to get started with this cloud-based service, including how to create a flow and how to use different connectors. *Introducing Microsoft Flow* takes you through connecting with SharePoint, creating approval flows, and using mobile apps. This vital information gives you a head-start when planning your Microsoft Flow implementation. The second half of the book continues with managing connections and

gateways, where you'll cover the configuration, creation, and deletion of connectors and how to connect to a data gateway. The final topic is Flow administration and techniques to manage the environment. After reading this book, you will be able to create and manage Flow from desktop, laptop, or mobile devices and connect with multiple services such as SharePoint, Twitter, Facebook, and other networking sites. What You Will Learn Create flows from built-in and blank templates Manage flows, connections, and gateways Create approvals, connect with multiple services, and use mobile apps Who This Book Is For Administrators and those who are interested in creating automated workflows using templates and connecting with multiple services without writing a single line of code.

Pro Microsoft Power Platform - Mitchell Pearson
2020-11-09

Become a self-sufficient citizen developer by learning the tools within the Microsoft Power

Platform and how they can be used together to drive change and multiply your productivity. Learn about PowerApps for building applications, Microsoft Flow for automating business processes across those applications, and Power BI for analyzing results and communicating business intelligence through compelling visuals. By understanding the purpose and capabilities of these tools, you will be able to enhance your organization's visibility into key areas and make informed business decisions in a timely matter. This book is divided into four parts and begins in Part I by showing you how to build applications through PowerApps. You will learn about screens and controls, application sharing and administration, and how to make your applications accessible from mobile devices such as phones and tablets. Part II is about creating workflows using Microsoft Flow that implement business logic across your applications. Part III brings in dashboards

and data analysis, showing you how to connect to a data source, cleanse the data from that source, and drive decision making through interactive reports and storytelling. Part IV brings together all the pieces by showing the integrations that are possible when all three tools are combined into a single solution.

What You Will Learn

Understand the need for the citizen developer in today's business environment Organize and plan the building of line-of-business applications with PowerApps solutions Replace wasteful paper processes with automated applications built in PowerApps Automate workflows across processes with Microsoft Flow Communicate analytical results through visualizations and storytelling Integrate PowerApps, Microsoft Flow, and Power BI into solutions that multiply productivity Who This Book Is For Power users and analysts with strong Excel skills who need a more comprehensive set of tools that can better help them

accomplish their vision on projects, those familiar with one of the Power Platform tools who wish to learn how all three can fit together, and those who are seen as as "rogue IT" problem solvers who get things done when others have tried but failed

Machine Learning with Dynamics 365 and Power Platform - Aurelien Clere
2022-01-06

Apply cutting-edge AI techniques to your Dynamics 365 environment to create new solutions to old business problems In *Machine Learning with Dynamics 365 and Power Platform: The Ultimate Guide to Apply Predictive Analytics*, an accomplished team of digital and data analytics experts delivers a practical and comprehensive discussion of how to integrate AI Builder with Dataverse and Dynamics 365 to create real-world business solutions. It also walks you through how to build powerful machine learning models using Azure Data Lake, Databricks, Azure Synapse Analytics. The book is filled

with clear explanations, visualizations, and working examples that get you up and running in your development of supervised, unsupervised, and reinforcement learning techniques using Microsoft machine learning tools and technologies. These strategies will transform your business verticals, reducing costs and manual processes in finance and operations, retail, telecommunications, and manufacturing industries. The authors demonstrate: What machine learning is all about and how it can be applied to your organization's Dynamics 365 and Power Platform Projects The creation and management of environments for development, testing, and production of a machine learning project How adopting machine learning techniques will redefine the future of your ERP/CRM system Perfect for Technical Consultants, software developers, and solution architects, Machine Learning with Dynamics 365 and Power Platform is also an indispensable guide for Chief

Technology Officers seeking an intuitive resource for how to implement machine learning in modern business applications to solve real-world problems. Usability Matters - Matt Lacey 2018-07-22

Summary Usability Matters: Mobile-first UX for developers and other accidental designers gives you practical advice and guidance on how to create attractive, elegant, and useful user interfaces for native and web-based mobile apps. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Just because a mobile app works doesn't mean real people are going to like it. Usability matters! Most mobile developers wind up being part-time designers, and mastering a few core principles of mobile UI can make the difference between app and crap. About the Book Usability Matters is a guide for developers wrestling with the subtle art of mobile design. With each expertly presented example, app developer and designer Matt

Lacey provides easy-to-implement techniques that instantly boost your design IQ. Skipping highbrow design theory, he addresses topics like gracefully handling network dropouts and creating intuitive data inputs. Read this book and your apps will look better, your users will be happier, and you might even get some high-fives at the next design review.

What's Inside Understanding your users Optimizing input and output Creating fast, responsive experiences Coping with poor network conditions Managing power and resources About the Reader This book is for mobile developers working on native or web-based apps. About the Author Matt Lacey is an independent mobile developer and consultant and a Microsoft MVP. He's built, advised on, and contributed to apps for social networks, film and TV broadcasters, travel companies, banks and financial institutions, sports companies, news organizations, music-streaming services, device manufacturers, and electronics retailers. These apps have an

installed base of more than 500,000,000 users and are used every day around the world. Matt previously worked at a broad range of companies, doing many types of development. He has worked at startups, small ISVs, national enterprises, and global consultancies, and written software for servers, desktops, devices, and industrial hardware in more languages than he can remember. He lives in the UK with his wife and two children. Table of Contents Introduction Part 1 - Context Who's using the app? Where and when is the app used? What device is the app running on? Part 2- Input How people interact with the app User-entered data Data not from a user Part 3 - Output Displaying items in the app Non-visible output Part 4 - Responsiveness Understanding the perception of time Making your app start fast Making your app run fast Part 5 - Connectivity Coping with varying network conditions Managing power and resources **Creating Business**

Applications with Office 365

- Jeffrey M. Rhodes 2019-11-09

Take your Office 365 and SharePoint projects to a higher level by using PowerApps, Flow, Power BI, JavaScript/jQuery jQuery UI widgets, Cascading Style Sheets (CSS), and more. This book will help you create easier solutions to client-side problems and applications. Additionally, you will be able to effectively visualize your data with Power BI. This book starts with configuration of SharePoint and Office 365 followed by your first example of PowerApps. You will lay the foundation for a help ticket application and see how to update a SharePoint list with PowerApps. You then will work with the jQuery open source library and learn how to use the developer tools within your browser. This allows you to customize data displays in SharePoint. Next, you will add jQuery UI widgets such as buttons and dialogs to SharePoint, learning how to configure and manipulate them via JavaScript. You will use

these new skills to convert a normal SharePoint announcement into a visually compelling page of network alerts. You also will use JavaScript and styles to hugely improve native SharePoint calendars by color-coding them by category or location. To prevent overlapping events in calendars, you will work with SharePoint's web services and JavaScript. You will use similar concepts to make appealing accordion SharePoint pages. You then will explore Microsoft Forms, Flow, and Power BI, including building surveys in both Forms and SharePoint and using Power BI to show results over the last week, month, quarter, and year. Using advanced Power BI you will see how to deal with JSON, XML, and Yes/No data. Next, you will look at how to display Office documents as well as interact with them via JavaScript. Switching back to PowerApps, you will build the final help ticketing system before using Power BI to see how to visualize the ticket information. After a quick

detour on using iFrames in SharePoint, you will jump into building a power routing application using InfoPath and SharePoint Designer. You will even call SharePoint's web services from Designer to customize email notifications. You end the InfoPath set of chapters with a highly useful application for signing up for and managing attendance for training and other classes. Finally, you will add Google Analytics to track SharePoint usage. What You Will Learn Build powerful applications with PowerApps Extend SharePoint's capabilities using JavaScript Create surveys with SharePoint and Microsoft Forms, copy the results to SharePoint using Flow, and visualize the data with Power BI Employ advanced Power BI techniques to include custom columns, pivoting, and dealing with JSON, XML, and Yes/No data Use InfoPath and SharePoint workflows to create routing systems, schedule classes, and other advanced tasks Who This Book Is For Business and application

developers

Visual Studio Lightswitch 2015

- Tim Leung 2015-12-24

In this fully updated second edition, award-winning author Tim Leung explains how to build data-centric business applications for the desktop, cloud, web, and mobile devices in just a few clicks—with no code required—using Visual Studio Lightswitch 2015. This book explains the basics of Visual Studio Lightswitch 2015 plus new features and key advanced topics that every Microsoft developer needs to know to create modern data services and build clients that can run on multiple devices. Visual Studio LightSwitch 2015 is a rapid application deployment tool that simplifies and shortens the time needed to develop business applications. The basics are very easily understood but more advanced users will hunger for more. How do you design complex layouts? How do you query data using LINQ and other syntax structures? How do you secure your application against malicious

use? Visual Studio LightSwitch 2015 answers these questions and more as author Tim Leung—winner of a Microsoft 2011 Community Contributor Award for his LightSwitch expertise—covers this breakthrough product in detail. For serious developers building, enhancing, and deploying advanced business applications using LightSwitch makes sense because they can benefit from the elegance, convenience, and cost savings afforded by rapid application development before going beyond the "click-and-you're-done" interface to include the extra value and depth of coding expertise that their clients value. What You Will Learn:

- Build Desktop and HTML5 business applications for PC or mobile devices
- Create compelling user interfaces that can support multiple languages
- Fine tune your application with C#, VB.NET, JQuery, JavaScript, and CSS code
- Integrate with mapping, GPS, and location services
- Provide email notification, and Microsoft Office compatible

data exports Enable users to carry out advanced searches on data Build screen controls that you can share with other developers

Beginning Power Apps - Tim Leung 2021

Transform the way your business works with easy-to-build apps. With this updated and expanded second edition, you can build business apps that work with your company's systems and databases, without having to enlist the expertise of costly, professionally trained software developers. In this new edition, business applications expert Tim Leung offers step-by-step guidance on how you can improve all areas of your business. He shows how you can replace manual or paper processes with modern apps that run on phone or tablet devices. For administrative and back-office operations, he covers how to build apps with workflow and dashboard capabilities. To facilitate collaboration with customers and clients, you'll learn how to build secure web portals with data entry

capabilities, including how to customize those portals with code. This hands-on new edition has 10 new chapters—including coverage on model-driven and portal apps, artificial intelligence, building components using the Power Apps Component Framework, using PowerShell for administration, and more—complete with context, explanatory screenshots, and non-technical terminology.

What You Will Learn

- Create offline capable mobile apps and responsive web apps
- Carry out logic, data access, and data entry through formulas
- Embellish apps with charting, file handling, photo, barcode, and location features
- Set up Common Data Service, SharePoint, and SQL data sources
- Use AI to predict outcomes, recognize images, and analyze sentiment
- Integrate apps with external web services and automate tasks with Power Automate
- Build reusable code and canvas components, make customizations with JavaScript
- Transfer apps and data, and

secure, administer, and monitor Power Apps environment

This book is for beginners and non-developers, and assumes no prior knowledge of Power Apps. Tim Leung is a software developer with more than 10 years of experience in designing and building large-scale commercial applications. He is a recognized expert in the field of rapid application development and his previous publication with Apress, *Visual Studio LightSwitch*, covers this topic in depth. Tim is a Microsoft certified developer, a chartered member of the British Computer Society, and holds a degree in information technology.

SharePoint Online Power User Playbook - Deviprasad Panda
2020-07-14

Manage and administrate your SharePoint Online site with ease

KEY FEATURES

- Explore next generation sites, libraries, lists for better collaboration.
- Configure SharePoint features.
- Permission management a modern approach to secure and share.
- Design modify site

with next-generation webparts.

- Next generation approach to monitor and analyze reports.

DESCRIPTION This book is a one-stop guide for everyone who wants to learn how to administer SharePoint online sites. This book starts by covering the fundamentals of SharePoint and SharePoint Content and then shares an overview of the next-generation SharePoint Site templates. You will learn how to select the right template for your business. You will get familiar with Site contents and all the upgraded features of lists and libraries. Furthermore, the book focuses on features such as Information Management Policy, Permissions, Content Approval Concept, Document ID Service, Managing metadata, and Server Publishing. You will also get familiar with section layouts and terminologies and will learn how to configure webparts in SharePoint online. You will then come across the new features in the structural navigation cache and will understand the entire working

of the hub site. Towards the end, you will organize and monitor site content and usage.

WHAT WILL YOU LEARN

- Configure features like Information Management Policy, Document ID, Content Organizer, Managed Metadata and Server Publishing etc.
- Improved Permission Management for better/quick navigation and sharing.
- Configure and Integrate external content types with site.
- Designing, configuring modern web parts and site.
- New approach of Monitoring and analyzing site's, reports.

WHO THIS BOOK IS FOR This book is a must-read for everybody who uses SharePoint Online, users responsible for managing or administrating sites, users with roles like owner, designer, approver, contributor.

TABLE OF CONTENTS

1. Introduction and Site Information
2. Library and List of Smart Management
3. Content Approval Concept
4. Configure Document ID Service
5. Document Sets Feature
6. Content Organizer Feature
7. Manage Permission

8. Managed Metadata Concept
9. SharePoint Server
Publishing Infrastructure
Feature 10. Application of
Business Connectivity Services
11. Site Designing and
Enhancement 12. Manage Site
Usage

Pro Power BI Architecture -

Reza Rad 2018-11-19

Architect and deploy a Power BI solution. This book will help you understand the many available options and choose the best combination for hosting, developing, sharing, and deploying a Power BI solution within your organization. Pro Power BI Architecture provides detailed examples and explains the different methods available for sharing and securing Power BI content so that only intended recipients can see it.

Commonly encountered problems you will learn to handle include content unexpectedly changing while users are in the process of creating reports and building analysis, methods of sharing analyses that don't cover all the requirements of your

business or organization, and inconsistent security models. The knowledge provided in this book will allow you to choose an architecture and deployment model that suits the needs of your organization, ensuring that you do not spend your time maintaining your solution but on using it for its intended purpose and gaining business value from mining and analyzing your organization's data. What You'll

Learn Architect and administer enterprise-level Power BI solutions Choose the right sharing method for your Power BI solution Create and manage environments for development, testing, and production Implement row level security in multiple ways to secure your data Save money by choosing the right licensing plan Select a suitable connection type—Live Connection, DirectQuery, or Scheduled Refresh—for your use case Set up a Power BI gateway to bridge between on-premises data sources and the Power BI cloud service Who This Book Is For Data analysts, developers,

architects, and managers who want to leverage Power BI for their reporting solution

Microsoft Dynamics 365 Extensions Cookbook - Rami Mounla 2017-06-07

More than 80 recipes to help you leverage the various extensibility features available for Microsoft Dynamics and solve problems easily About This Book Customize, configure, and extend the vanilla features of Dynamics 365 to deliver bespoke CRM solutions fit for any organization Implement business logic using point-and-click configuration, plugins, and client-side scripts with MS Dynamics 365 Built a DevOps pipeline as well as Integrate Dynamics 365 with Azure and other platforms Who This Book Is For This book is for developers, administrators, consultants, and power users who want to learn about best practices when extending Dynamics 365 for enterprises. You are expected to have a basic understand of the Dynamics CRM/365 platform. What You Will Learn

Customize, configure, and extend Microsoft Dynamics 365 Create business process automation Develop client-side extensions to add features to the Dynamics 365 user interface Set up a security model to securely manage data with Dynamics 365 Develop and deploy clean code plugins to implement a wide range of custom behaviors Use third-party applications, tools, and patterns to integrate Dynamics 365 with other platforms Integrate with Azure, Java, SSIS, PowerBI, and Octopus Deploy Build an end-to-end DevOps pipeline for Dynamics 365 In Detail Microsoft Dynamics 365 is a powerful tool. It has many unique features that empower organisations to bridge common business challenges and technology pitfalls that would usually hinder the adoption of a CRM solution. This book sets out to enable you to harness the power of Dynamics 365 and cater to your unique circumstances. We start this book with a no-code configuration chapter and

explain the schema, fields, and forms modeling techniques. We then move on to server-side and client-side custom code extensions. Next, you will see how best to integrate Dynamics 365 in a DevOps pipeline to package and deploy your extensions to the various SDLC environments. This book also covers modern libraries and integration patterns that can be used with Dynamics 365 (Angular, 3 tiers, and many others). Finally, we end by highlighting some of the powerful extensions available. Throughout we explain a range of design patterns and techniques that can be used to enhance your code quality; the aim is that you will learn to write enterprise-scale quality code. Style and approach This book takes a recipe-based approach, delivering practical examples and use cases so that you can identify the best possible approach to extend your Dynamics 365 deployment and tackle your specific business problems.

Extending Microsoft Power Apps with Power Apps

Component Framework -

Danish Naglekar 2021-02-26

Learn how to extend the capabilities of Power Apps by building code components using Power Apps Component Framework Key

Features Understand how to extend Power Apps' capabilities Enhance your skills with the help of practical code components used throughout the book Overcome common challenges, avoid pitfalls, and improve your code Book

Description Power Apps Component Framework is used by professional developers to extend the capabilities of model-driven and canvas apps. Extending Microsoft Power Apps with Power Apps Component Framework will take you through the basic as well as advanced topics using practical examples. The book starts by helping you understand the fundamentals of the framework, its lifecycle, and the tools that you'll use to build code components using best practices and file management guidelines. You'll then learn how to extend

Power Apps step by step and apply the principles and concepts covered in the book to build code components for field type attributes. The book covers different ways of debugging code components and guides you through the process of building code components for datasets. You'll also explore the functions and methods provided by the framework to enhance your controls using powerful sets of libraries and extensions. As you advance, you'll get to grips with creating and managing authentication profiles, discover different ways of deploying code components, and configure code components in model-driven and canvas apps. Finally, you'll learn some of the important features of the framework and learn modern web development practices. By the end of this Power Apps book, you'll be able to build, debug, enrich, and deploy code components confidently. What you will learn

Understand the fundamentals of Power Apps Component FrameworkExplore

the tools that make it easy to build code componentsBuild code components for both a field and a datasetDebug using test harness and FiddlerImplement caching techniquesFind out how to work with the Dataverse Web APIBuild code components using React and Fluent UI controlsDiscover different deployment strategiesWho this book is for This book is for developers who are looking to build advanced skills for extending the capabilities of Power Apps. Basic knowledge of Power Apps and web development is necessary to get started with this book.

Nintex Workflow User's Guide - Martijn Bleikertz 2014-05-01

Nintex Workflow is the best-selling workflow application for SharePoint and Office 365. The ease on which workflows can be created and used makes it for every user possible to create a workflow and doesn't require any development skills. With functions as Drag and Drop, integrated reporting, Nintex Live and the tight integration with Office 365

Nintex Workflow is the workflow application that every company needs to discover. All major components and big advantages of using Nintex Workflow in your organisation is covered in Nintex Workflow User's Guide. You learn how to setup Nintex on premise in the cloud or on Office 365. With the Hands-on assignments you will create your first workflow, bring logic and structure to it and even start working with external systems or interact with social media. Besides creating workflows there is also a section to help with error handling, documentation and the ROI of your workflows.

Dynamics 365 Application Development - Deepesh

Somani 2018-01-30

Learn, develop, and design applications using the new features in Microsoft Dynamics CRM Key Features Implement business logic using processes, plugins, and client-side scripts with MS Dynamics 365 Develop custom CRM solutions to improve your business applications A comprehensive guide that covers the new

features of Microsoft Dynamics 365 and increasingly advanced topics. Book Description Microsoft Dynamics 365 CRM is the most trusted name in enterprise-level customer relationship management. The latest version of Dynamics CRM comes with the important addition of exciting features guaranteed to make your life easier. It comes straight off the shelf with a whole new frontier of updated business rules, process enhancements, SDK methods, and other enhancements. This book will introduce you to the components of the new designer tools, such as SiteMap, App Module, and Visual Designer for Business Processes. Going deeper, this book teaches you how to develop custom SaaS applications leveraging the features of PowerApps available in Dynamics 365. Further, you will learn how to automate business processes using Microsoft Flow, and then we explore Web API, the most important platform update in Dynamics 365 CRM. Here,

you'll also learn how to implement Web API in custom applications. You will learn how to write an Azure-aware plugin to design and integrate cloud-aware solutions. The book concludes with configuring services using newly released features such as Editable grids, Data Export Service, LinkedIn Integration, Relationship Insights, and Live Assist. What you will learn Develop apps using the platform-agnostic Web API Leverage Azure Extensions to design cloud-aware applications Learn how to implement CRUD operation Create integrated real-world apps using Microsoft PowerApps and Flow by combining services such as Twitter, Facebook, and SharePoint Configure and use Artificial Intelligence Azure Cognitive Services for Recommendation and Text Analytic services Who this book is for This book targets skilled developers who are looking to build business-solution software and are new to application development in

Microsoft Dynamics 365, especially for CRM.
[Don't Hire a Software Developer Until You Read This Book](#) - K. N. Kukoyi 2017-05-26
A software survival guide for non-technical entrepreneurs entering the tech space who want to reduce the uncertainty associated to starting their business, and for seed startups who require support and ideas when dealing with the daily realities of managing the software development process and getting a quality software application built and launched.
Beginning DAX with Power BI - Philip Seamark 2018-03-31
Attention all SQL Pros, DAX is not just for writing Excel-based formulas! Get hands-on learning and expert advice on how to use the vast capabilities of the DAX language to solve common data modeling challenges. Beginning DAX with Power BI teaches key concepts such as mapping techniques from SQL to DAX, filtering, grouping, joining, pivoting, and using temporary tables, all aimed at the SQL professional. Join author Philip

Seamark as he guides you on a journey through typical business data transformation scenarios and challenges, and teaches you, step-by-step, how to resolve challenges using DAX. Tips, tricks, and shortcuts are included and explained, along with examples of the SQL equivalent, in order to accelerate learning. Examples in the book range from beginner to advanced, with plenty of detailed explanation when walking through each scenario. What You'll Learn Turbocharge your Power BI model by adding advanced DAX programming techniques Know when to use calculated measures versus calculated columns Generate new tables on the fly from existing data Optimize, monitor, and tune Power BI to improve performance of your models Discover new ideas, tricks, and time-saving techniques for better models Who This Book Is For Business intelligence developers, business analysts, or any SQL user who wants to use Power BI as a reporting tool. A solid understanding of

SQL is recommended, as examples throughout the book include the DAX equivalents to SQL problem/solution scenarios.

Dynamics 365 Business Central Development Quick Start Guide - Stefano

Demiliani 2018-08-27

Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to make your life easier. This book is an ideal guide to Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for

implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn

Develop solutions for Dynamics 365 Business Central
Create a sandbox for extensions development (local or on cloud)
Use Docker with Dynamics 365 Business Central
Create extensions for Dynamics 365 Business Central
Handle

dependencies, translations and reporting
Deploy extensions on-premise and to the cloud
Create serverless processes with Dynamics 365 Business Central
Understand source code management for AL
Who this book is for
This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

Deploying SharePoint 2016 - Vlad Catrinescu 2016-11-09
Learn how to install, configure, and maintain the latest release of Microsoft's popular SharePoint Server, SharePoint 2016. This latest version brings with it many changes for IT professionals. With this book you will learn how to create an efficient and stable SharePoint environment for your organization. What You'll Learn
Install SharePoint Server 2016, both using the user interface provided by Microsoft, and by using PowerShell
Understand your authentication options and associated security considerations
Deploy add-ins,

either from the store, or from your own custom app catalog
Configure Search Service Application using either the provided UI or PowerShell
Configure business intelligence components such as Excel Services, SQL Server Reporting Services, and PowerPivot
Migrate to SharePoint Server 2016 from either SharePoint Server 2010 or 2013
Understand approaches to high availability, disaster recovery, patching, and ways to monitor and maintain your SharePoint 2016 deployment once it's up and running
Who This Book Is For
Anyone tasked with installing, configuring, and maintaining SharePoint Server 2016 in their organization. This book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2010 or SharePoint 2013

Building the Modern Workplace with SharePoint Online - Harinarayanan V P
2021-04-11

Build a digital workplace solution from scratch using

SharePoint Online, Teams, and the Power Platform. The book will help you implement all the modern capabilities of the SharePoint Framework, Teams, and Power Platform into a SharePoint Online solution. You will begin your journey with a short overview of the basics of SharePoint Online. You will then work through a case study with a solutions approach to implement various business requirements using SharePoint Online. Further, you will learn how to provision sites using PnP and build SharePoint forms using out-of-the-box forms. The next section covers Power Apps and Power Automate, followed by a discussion on SharePoint Framework where you will learn to customize SharePoint Online sites using SPFx. Moving forward you will go through configuration and customization of PnP modern search. Wrapping up, you will integrate Microsoft Teams, MS Graph, and Power Virtual Agents with SharePoint Online. After reading *Building the Modern Workplace* with

SharePoint Online you will be able to build SharePoint Online sites according to your business requirements and integrate SharePoint Online with other services for a modern workplace experience. What You Will Learn Build modern workplace solutions using SharePoint Online out-of-the-box features Use Power App forms, SPFx web parts, SPFx extensions, and modern search Create Power Automate workflows Develop Teams solutions and chatbots Use Microsoft Graph and PnP JS with SharePoint Customize search capabilities Who This Book Is For All SharePoint developers and power users. *Office 365 For Dummies* - Rosemarie Withee 2018-10-25 Everything you need to get productive in the Cloud with Office 365 With 70 million users worldwide, Microsoft Office 365 combines the familiar Office desktop suite with cloud-based versions of Microsoft's next-generation communications and collaboration services. It offers many benefits including

security, reliability, compatibility with other products, over-the-air updates in the cloud that don't require anything from the user, single sign on for access to everything right away, and so much more. *Office 365 For Dummies* offers a basic overview of cloud computing and goes on to cover Microsoft cloud solutions and the Office 365 product in a language you can understand. This includes an introduction to each component which leads into topics around using each feature in each application. Get up to speed on instant messaging Use audio, video, and web conferencing Get seamless access to the Office suite with Office Web apps Access information anywhere, anytime Office 365 is the key to office productivity — and now you can put it to use for you! **Microsoft Power BI Cookbook** - Brett Powell 2017-09-27 Get more out of Microsoft Power BI turning your data into actionable insights About This Book* From connecting to your data sources to

developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all* Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications* Proven development techniques and guidance for implementing custom solutions with DAX and M languagesWho This Book Is ForThis book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at quick solutions to common problems while using Power BI will also find this book to be a very useful resource .Some experience with Power BI will be useful.What You Will Learn* Cleanse, stage, and integrate your data sources with Power BI* Abstract data complexities and provide users with intuitive, self-service BI capabilities* Build business logic and analysis into your

solutions via the DAX programming language and dynamic, dashboard-ready calculations* Take advantage of the analytics and predictive capabilities of Power BI* Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security* Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes* Integrate other Microsoft data tools such as Excel and SQL Server Reporting Services into your Power BI solutionIn DetailMicrosoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data.This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage

and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence. This book will excite and empower you to get more out of Power BI via detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects. Style and approach This book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-life examples.

Microsoft Dynamics 365 Business Central Field Guide - Erik Hougaard 2019-08-31

A companion book for implementing Microsoft Dynamics 365 Business Central. Now updated for the 2019 Wave 2 release. Targeted end-users, super-users and administrators, this book covers many of the challenges you're faced when implementing a cloud-based ERP system. From setting up the system and creating the first company, to user customizations and integration. Business Central used to be Dynamics NAV and before that Navision. NAV has always been a partner-driven application. Customers buy the software at a partner, and the partner helps with implementation. A great model that has worked for over a million users across the globe. Now Business Central is a cloud offering; there's no longer an installation. You no longer need an IT guy to install it and then a consultant to help you set it up. You can do that yourself. Most customers still chose to get the consultant help to make sure you're doing it right and to ensure a great start. This

book is written to help customers who venture into Business Central, with or without external help. Written to help understand the system and ensure a great experience starting with Business Central. The book is not written to be read from cover to cover. Instead, it's meant to be a Field Guide. A companion book to help you through the implementation. And later, when you need information on a specific topic or if you need a bit of inspiration. The documentation from Microsoft is pretty good, and I'll provide links for deep dive and background information. Business Central covers a vast area of functionality, and the book includes the areas and issues I encounter in my daily work with Business Central customers. I'll add new chapters and details based on my experience and reader feedback. I'm using an English language layer on my Business Central throughout this book. If your Business Central is not in English, switch temporarily

to English in My Settings to more comfortable being able to follow the instructions. If you cannot find the answer you need in the book, feel free to contact me. I'm always open to suggestions for the next topic.

Microsoft Power Apps

Cookbook - Eickhel Mendoza
2021-01-22

Practical recipes that go beyond official documentation to help you create custom solutions, automate processes, and extend the platform's capabilities using Power Apps, Power Automate, Component Framework, and Dataverse for Teams Key Features Improve business operations by creating impactful Power Apps solutions with real-world use cases Explore a variety of built-in templates to create custom apps for specific business scenarios Strengthen your enterprise applications with advanced techniques and proven tips using a low-code approach Book Description Microsoft Power Apps provides a powerful, low-code solution for application development, empowering non-technical

users to create robust, practical solutions in no time. This book will help you create a wide range of custom business solutions using the ease of development that Power Apps provides by overcoming many of the challenges faced in business application development. You'll start by getting to grips with Power Apps Studio and finding out how canvas apps help you build pixel-perfect applications as per business needs. The book then covers the practicalities involved in designing model-driven apps and teaches you how to automate business processes using Power Automate. You'll also discover how to improve user experience (UX) to make applications more appealing. As you advance, you'll learn how to strengthen your business apps by using AI Builder's artificial intelligence capabilities. You'll also explore advanced troubleshooting techniques to find creative ways to overcome various challenges in your Power Apps solutions. The book concludes

with Power Apps Component Framework to help you further improve the existing applications' capabilities. By the end of this book, you'll have gained experience in developing applications using the Power Apps platform and its features. What you will learnBuild pixel-perfect solutions with canvas appsDesign model-driven solutions using various features of Microsoft DataverseAutomate business processes such as triggered events, status change notifications, and approval systems with Power AutomateImplement AI Builder's intelligent capabilities in your solutionsImprove the UX of business apps to make them more appealingFind out how to extend Microsoft Teams using Power AppsExtend your business applications' capabilities using Power Apps Component FrameworkWho this book is for This book is for citizen developers and business users looking to build custom applications as per their organizational needs without

depending on professional developers. Traditional app developers will also find this book useful by discovering how to build applications in a rapid application development environment with increased productivity and speed. The book is recommended for Power Apps beginners who have taken a couple of online tutorials but are struggling to implement or create real-world solutions. Basic knowledge of Power Apps is necessary to get the best out of this cookbook.

Hands-On Cloud

Administration in Azure -

Mustafa Toroman 2018-10-23
Explore Azure services such as networking, virtual machines, web apps, databases, cloud migration, and security Key Features Understand Azure services to build, deploy, and manage workloads on cloud Learn in-depth core Azure services and work through real-world scenarios and case studies A concise and practical guide for learning cloud administration on Azure Book Description Azure continues to dominate the public cloud

market and grow rapidly thanks to a number of recent innovations. Azure's wide range of services and support has led to a large number of customers switching to Azure cloud. Hands-On Cloud Administration in Azure starts with the basics of Azure cloud fundamentals and key concepts of the cloud computing ecosystem and services. Then, you will gradually get acquainted with core services provided by Azure, including Azure VNet, types and assignments of IP addresses, and network security groups. You will also work on creating and administering Azure Virtual Machines, types of virtual machines (VMs), and design VM solutions based on computing workloads. As you make your way through the chapters, you will explore Azure App Service, discover how to host your web apps in Azure, and monitor and troubleshoot them. In the concluding chapters, you will learn more complex and abstract services, such as Azure Storage, Azure Backup,

and Azure Site Recovery. You will also get to grips with Azure SQL Databases and the SQL on Azure VM concept. By the end of this book, you will have obtained practical experience of working with Azure services and Azure administration, along with maintaining, monitoring, and securing your Azure resources. What you will learn

Understand the concepts of IaaS and PaaS
Learn design patterns for Azure solutions
Design data solutions in Azure
Explore concepts of hybrid clouds with Azure
Implement Azure Security in cloud
Create and manage Azure resources with script-based tools

Who this book is for
Hands-On Cloud Administration in Azure is for system administrators, cloud admins, cloud engineers, and DevOps engineers who are interested in understanding administration-related services in Azure. Prior experience of working with Azure is an added advantage.

[Learn Power BI](#) - Greg Deckler
2019-09-13

Solve business challenges with

Microsoft Power BI's advanced visualization and data analysis techniques

Key Features

Create effective storytelling reports by implementing simple-to-intermediate Power BI features

Develop powerful analytical models to extract key insights for changing business needs

Build, publish, and share impressive dashboards for your organization

Book Description

To succeed in today's transforming business world, organizations need business intelligence capabilities to make smarter decisions faster than ever before. This Power BI book is an entry-level guide that will get you up and running with data modeling, visualization, and analytical techniques from scratch. You'll find this book handy if you want to get well-versed with the extensive Power BI ecosystem. You'll start by covering the basics of business intelligence and installing Power BI. You'll then learn the wide range of Power BI features to unlock business insights. As you progress, the book will take you through how

to use Power Query to ingest, cleanse, and shape your data, and use Power BI DAX to create simple to complex calculations. You'll also be able to add a variety of interactive visualizations to your reports to bring your data to life. Finally, you'll gain hands-on experience in creating visually stunning reports that speak to business decision makers, and see how you can securely share these reports and collaborate with others. By the end of this book, you'll be ready to create simple, yet effective, BI reports and dashboards using the latest features of Power BI. What you will learn Explore the different features of Power BI to create interactive dashboards Use the Query Editor to import and transform data Perform simple and complex DAX calculations to enhance analysis Discover business insights and tell a story with your data using Power BI Explore data and learn to manage datasets, dataflows, and data gateways Use workspaces to collaborate with others and publish your

reports Who this book is for If you're an IT manager, data analyst, or BI user new to using Power BI for solving business intelligence problems, this book is for you. You'll also find this book useful if you want to migrate from other BI tools to create powerful and interactive dashboards. No experience of working with Power BI is expected.

Microsoft 365 and SharePoint Online

Cookbook - Gaurav Mahajan
2020-06-26

With over 100 practical recipes that offer extensive coverage of Microsoft Office 365, learn how to enhance collaboration, implement robotic process automation, and develop business intelligence for your organization Key Features Gain a complete overview of popular Office 365 services using practical recipes and expert insights Collaborate with your team effectively using SharePoint Online and MS Teams Purchase of the print or Kindle book includes a free eBook in the PDF format Book Description Microsoft Office

365 provides tools for managing organizational tasks like content management, communication, report creation, and business automation processes. With this book, you'll get to grips with popular apps from Microsoft, enabling workspace collaboration and productivity using Microsoft SharePoint Online, Teams, and the Power Platform. In addition to guiding you through the implementation of Microsoft 365 apps, this practical guide helps you to learn from a Microsoft consultant's extensive experience of working with the Microsoft business suite. This cookbook covers recipes for implementing SharePoint Online for various content management tasks. You'll learn how to create sites for your organization and enhance collaboration across the business and then see how you can boost productivity with apps such as Microsoft Teams, Power Platform, Planner, Delve, and M365 Groups. You'll find out how to use the Power

Platform to make the most of Power Apps, Power Automate, Power BI, and Power Virtual Agents. Finally, the book focuses on the SharePoint framework, which helps you to build custom Teams and SharePoint solutions. By the end of the book, you will be ready to use Microsoft 365 and SharePoint Online to enhance business productivity using a broad set of tools. What you will learn Get to grips with a wide range of apps and cloud services in Microsoft 365 Discover how to use SharePoint Online to create and manage content Store and share documents using SharePoint Online Improve your search experience with Microsoft Search Leverage the Power Platform to build business solutions with Power Automate, Power Apps, Power BI, and Power Virtual Agents Enhance native capabilities in SharePoint and Teams using the SPFx framework Use Microsoft Teams to collaborate with colleagues or external users Who this book is for This book is for business

professionals, IT administrators, enterprise developers and architects, and anyone who wants to get to grips with using MS 365 for the effective implementation of

Microsoft apps. Prior experience with Office 365 and SharePoint will assist with understanding the recipes effortlessly, but is not required.