

How To Create Odata Services For Analytic Queries Sap

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Compendium on Enterprise Resource Planning - Siar Sarferaz 2022-04-01

This book explains the functional scope, the data model, the solution architecture, the underlying engineering concepts, and the programming model of SAP S/4HANA as the most well-known enterprise resource planning (ERP) system. The approach is to start with general concepts and then to proceed step-by-step to concrete implementations in SAP S/4HANA. In the first part the reader learns about the market view of ERP solutions and vendors. The second part deals with the business processes for sales, marketing, finance, supply chain, manufacturing, services, procurement, and human resources which are covered with SAP S/4HANA. In the third part the underlying concepts of SAP S/4HANA are described, for example in-memory storage, analytics and search, artificial intelligence, process and data integration, security and compliance, lifecycle management, performance and scalability, configuration and implementation. The book is concluded with a final chapter explaining how to deploy an appliance to explore SAP S/4HANA. The target audience for the book are managers and business analysts who want to understand the market situation and future ERP trends, end users and process experts who need to comprehend the business processes and the according solution capabilities provided with SAP S/4HANA, architects and developers who have to learn the technical concepts and frameworks for enhancing SAP S/4HANA functionality, and consultants and partners who require to adopt and configure SAP S/4HANA.

Tableau Your Data! - Daniel G. Murray 2013-10-29

Best practices and step-by-step instructions for using the Tableau Software toolset Although the Tableau Desktop interface is relatively intuitive, this book goes beyond the simple mechanics of the interface to show best practices for creating effective visualizations for specific business intelligence objectives. It illustrates little-known features and techniques for getting the most from the Tableau toolset, supporting the needs of the business analysts who use the product as well as the data and IT managers who support it. This comprehensive guide covers the core feature set for data analytics, illustrating best practices for creating and sharing specific types of dynamic data visualizations. Featuring a helpful full-color layout, the book covers analyzing data with Tableau Desktop, sharing information with Tableau Server, understanding Tableau functions and calculations, and Use Cases for Tableau Software. Includes little-known, as well as more advanced features and techniques, using detailed, real-world case studies that the author has developed as part of his consulting and training practice Explains why and how Tableau differs from traditional business information analysis tools Shows you how to deploy dashboards and visualizations throughout the enterprise Provides a detailed reference resource that is aimed at users of all skill levels Depicts ways to leverage Tableau across the value chain in the enterprise through case studies that target common business requirements Endorsed by Tableau Software Tableau Your Data shows you how to build dynamic, best-of-breed visualizations using the Tableau Software toolset.

Excel Data Analysis For Dummies - Paul McFedries 2022-01-10

Turn jumbles of numbers into graphics, insights, and answers with Excel With Microsoft Excel, you can, well, excel at data analysis. And Excel Data Analysis For Dummies can help, with clear and easy explanations of the mountain of features for creating, visualizing, and analyzing data. PivotTables, charts, what-if analysis, statistical functions—it's all in here, with examples and ideas for Excel users of all skill levels. This latest edition covers the most recent updates to Excel and Microsoft 365. You'll beef up your data skills and learn powerful techniques for turning numbers into knowledge. For students, researchers, and business professionals, Excel is the spreadsheet and data application of choice—and Dummies is the best choice for learning how to make those numbers sing. Learn how to use Excel's built-in data analysis features and write your own functions to explore patterns in your data Create striking

charts and visualizations, and discover multiple ways to tell the stories hidden in the numbers Clean up large datasets and identify statistical operations that will answer your questions Perform financial calculations, database operations, and more—without leaving Excel Excel Data Analysis For Dummies is the go-to resource for Excel users who are looking for better ways to crunch the numbers.

Mastering Django - Sufyan bin Uzayr 2022-10-25

Mastering Django helps the reader master the powerful Django framework for Python for creating dynamic applications and projects. Django is a high-level, open-source Python web framework created to help web developers achieve tight deadlines while also meeting a variety of needs. The primary feature of Django that makes it so popular among developers is that it promotes rapid development while providing a consistent and realistic design. Django is a complete toolkit with a basic code architecture and highly adaptable architecture that promotes rapid development — it can shape and pace your web app concept and see it through to launch in a matter of hours. Django's simplicity, stability, scalability, and flexibility are unmatched. It is currently a vibrant, collaborative open source project with thousands of users and contributors. Django is a versatile framework capable of developing any website. Robust design, rapid software development, fantastic documentation and tutorials, a vast community with readymade solutions, reasonably easy learning curve, and a high degree of clarity and readability are all hallmarks of this popular web framework. Django has carved out a niche for itself in the industry over the years, and appropriately so. Many popular apps use Django as their secret ingredient. Django has many faetures and can accommodate any modern web application. If you wish to build a successful career in web development, learning Django is a wise choice. With Mastering Django, learning the Django framework becomes a charm, and will help readers undoubtedly advance their careers. About the Series The Mastering Computer Science covers a wide range of topics, spanning programming languages as well as modern-day technologies and frameworks. The series has a special focus on beginner-level content, and is presented in an easy to understand manner, comprising: Crystal-clear text, spanning various topics sorted by relevance, Special focus on practical exercises, with numerous code samples and programs, A guided approach to programming, with step by step tutorials for the absolute beginners, Keen emphasis on real-world utility of skills, thereby cutting the redundant and seldom-used concepts and focusing instead of industry-prevalent coding paradigm, A wide range of references and resources, to help both beginner and intermediate-level developers gain the most out of the books. Mastering Computer Science series of books start from the core concepts, and then quickly move on to industry-standard coding practices, to help learners gain efficient and crucial skills in as little time as possible. The books assume no prior knowledge of coding, so even the absolute newbie coders can benefit from this series. Mastering Computer Science series is edited by Sufyan bin Uzayr, a writer and educator with over a decade of experience in the computing field.

The SAP HANA Project Guide -

SAP HANA is the SAP product for in-memory computing. It streamlines transactions, analytics, planning, and data processing on a single in-memory database allowing businesses to operate in real-time. Over the course of the last few years, the authors have led many diverse SAP HANA projects with extraordinary success resulting in 10,000, or in some cases even 100,000, times improvement of system performance. In this book, the authors share their findings from SAP HANA projects to help ensure the success of your SAP HANA project. The SAP HANA project guide will also help you identify suitable scenarios for your company to get started with in-memory computing, while sketching out a long term plan to provide innovation to your entire business using SAP HANA. We'll cover the following key topics: - Delivering innovation with SAP HANA - Creating

a business case for SAP HANA - Thinking in-memory - Managing SAP HANA projects

First Steps in SAP ABAP - 2nd Edition - Dr.Boris Rubarth 2023-03-25

If you're looking to master SAP ABAP (Advanced Business Application Programming), this book is your perfect starting point. Written in a clear and concise style, this guide takes you through the basics of SAP ABAP programming, helping you build a strong foundation. Many SAP professionals start their careers as programmers and focus on turning functional specifications into technical specifications and writing code. Learn how to write your own ABAP code step by step and progressively build your own ABAP application. This updated 2nd edition provides you with the tools you need to get started with a job as an SAP ABAP programmer, including new information on ABAP Development Tools (ADT). - Step-by-step instructions for beginners - Comprehensive descriptions and code examples - A guide to creating your first ABAP application - Tutorials that provide answers to the most commonly asked programming questions

Implementing SAP S/4HANA - Sanket Kulkarni 2019-09-13

Gain a better understanding of implementing SAP S/4HANA-based digital transformations. This book helps you understand the various components involved in the planning and execution of successful SAP S/4HANA projects. Learn how to ensure success by building a solid business case for SAP S/4HANA up front and track business value generated throughout the implementation. Implementing SAP S/4HANA provides a framework for planning and executing SAP S/4HANA projects by articulating the implementation approach used by different components in SAP S/4HANA implementations. Whether you are mid-way through the SAP S/4HANA program or about to embark on it, this book will help you throughout the journey. If you are looking for answers on why SAP S/4HANA requires special considerations as compared to a traditional SAP implementation, this book is for you. What You Will Learn Understand various components of your SAP S/4HANA project Forecast and track your success throughout the SAP S/4HANA implementation Build a solid business case for your SAP S/4HANA program Discover how the implementation approach varies across these components Who This Book Is For SAP S/4HANA clients (line managers and consultants).

SAP Gateway and OData - Carsten Bönner 2016

Connect your SAP system and the world of OData with this comprehensive guide to SAP Gateway Begin with the basics, then walk through the steps in creating SAP Gateway and OData services. Expand your skills further, with how-tos on developing SAPUI5 apps with the SAP Web IDE; building SAP Fiori, mobile, and enterprise applications; and performing administrative tasks for lifecycle management and security. Explore the latest trends and technologies, and map out your OData future a. Deployment, Installation, Configuration Get started Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. SAP Gateway and OData Services Create Walk through the specific tools for and steps in creating SAP Gateway and OData services. Then learn how to extend your existing services, including redefining services and customizing SAP Fiori apps. c. Application Development Develop Learn how OData and SAP Gateway are used in SAPUI5, SAP Fiori, mobile, social media, and enterprise applications. Highlights: SAP Gateway installation and deployment Service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA

Deployment, Installation, Configuration Get started Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. SAP Gateway and OData Services Create Walk through the specific tools for and steps in creating SAP Gateway and OData services. Then learn how to extend your existing services, including redefining services and customizing SAP Fiori apps. c. Application Development Develop Learn how OData and SAP Gateway are used in SAPUI5, SAP Fiori, mobile, social media, and enterprise applications. Highlights: SAP Gateway installation and deployment Service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA

Microsoft SQL Server 2012 Analysis Services - Alberto Ferrari 2012-07-15

Build agile and responsive Business Intelligence solutions Analyze tabular data using the BI Semantic Model (BISM) in Microsoft SQL Server 2012 Analysis Services—and discover a simpler method for creating corporate-level BI solutions. Led by three BI experts, you'll learn how to build, deploy, and query a BISM tabular model with step-by-step guides, examples, and best practices. This hands-on book shows you how the tabular model's in-memory database enables you to perform rapid analytics—whether you're a professional BI developer new to Analysis Services or familiar with its multidimensional model. Discover how to: Determine when a tabular or multidimensional model is right for your project Build a tabular model using SQL Server Data Tools in Microsoft Visual Studio 2010 Integrate data from multiple sources into a single, coherent view of company information Use the Data Analysis eXpressions (DAX) language to create calculated columns, measures, and queries Choose a data modeling technique that meets your organization's performance and usability requirements Optimize your data model for better performance with xVelocity storage engine Manage complex data relationships, such as multicolumn, banding, and many-to-many

Implement security by establishing administrative and data user roles
Predictive Analytics with Microsoft Azure Machine Learning 2nd Edition - Valentine Fontama 2015-08-26

Predictive Analytics with Microsoft Azure Machine Learning, Second Edition is a practical tutorial introduction to the field of data science and machine learning, with a focus on building and deploying predictive models. The book provides a thorough overview of the Microsoft Azure Machine Learning service released for general availability on February 18th, 2015 with practical guidance for building recommenders, propensity models, and churn and predictive maintenance models. The authors use task oriented descriptions and concrete end-to-end examples to ensure that the reader can immediately begin using this new service. The book describes all aspects of the service from data ingress to applying machine learning, evaluating the models, and deploying them as web services. Learn how you can quickly build and deploy sophisticated predictive models with the new Azure Machine Learning from Microsoft. What's New in the Second Edition? Five new chapters have been added with practical detailed coverage of: Python Integration – a new feature announced February 2015 Data preparation and feature selection Data visualization with Power BI Recommendation engines Selling your models on Azure Marketplace

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, its 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.

Tabular Modeling in Microsoft SQL Server Analysis Services - Marco Russo 2017-04-12

Build agile and responsive business intelligence solutions Create a semantic model and analyze data using the tabular model in SQL Server 2016 Analysis Services to create corporate-level business intelligence (BI) solutions. Led by two BI experts, you will learn how to build, deploy, and query a tabular model by following detailed examples and best practices. This hands-on book shows you how to use the tabular model's in-memory database to perform rapid analytics—whether you are new to Analysis Services or already familiar with its multidimensional model. Discover how to: • Determine when a tabular or multidimensional model is right for your

project • Build a tabular model using SQL Server Data Tools in Microsoft Visual Studio 2015 • Integrate data from multiple sources into a single, coherent view of company information • Choose a data-modeling technique that meets your organization's performance and usability requirements • Implement security by establishing administrative and data user roles • Define and implement partitioning strategies to reduce processing time • Use Tabular Model Scripting Language (TMSL) to execute and automate administrative tasks • Optimize your data model to reduce the memory footprint for VertiPaq • Choose between in-memory (VertiPaq) and pass-through (DirectQuery) engines for tabular models • Select the proper hardware and virtualization configurations • Deploy and manipulate tabular models from C# and PowerShell using AMO and TOM libraries Get code samples, including complete apps, at: <https://aka.ms/tabular/downloads> About This Book • For BI professionals who are new to SQL Server 2016 Analysis Services or already familiar with previous versions of the product, and who want the best reference for creating and maintaining tabular models. • Assumes basic familiarity with database design and business analytics concepts.

Architecting Solutions with SAP Business Technology Platform - Serdar Simsekler 2022-10-28

A practical handbook packed with expert advice on architectural considerations for designing solutions using SAP BTP to drive digital innovation Purchase of the print or Kindle book includes a free eBook in the PDF format Key Features Guide your customers with proven architectural strategies and considerations on SAP BTP Tackle challenges in building process and data integration across complex and hybrid landscapes Discover SAP BTP services, including visualizations, practical business scenarios, and more Book Description SAP BTP is the foundation of SAP's intelligent and sustainable enterprise vision for its customers. It's efficient, agile, and an enabler of innovation. It's technically robust, yet its superpower is its business centrality. If you're involved in building IT and business strategies, it's essential to familiarize yourself with SAP BTP to see the big picture for digitalization with SAP solutions. Similarly, if you have design responsibilities for enterprise solutions, learning SAP BTP is crucial to produce effective and complete architecture designs. This book teaches you about SAP BTP in five parts. First, you'll see how SAP BTP is positioned in the intelligent enterprise. In the second part, you'll learn the foundational elements of SAP BTP and find out how it operates. The next part covers integration architecture guidelines, integration strategy considerations, and integration styles with SAP's integration technologies. Later, you'll learn how to use application development capabilities to extend enterprise solutions for innovation and agility. This part also includes digital experience and process automation capabilities. The last part covers how SAP BTP can facilitate data-to-value use cases to produce actionable business insights. By the end of this SAP book, you'll be able to architect solutions using SAP BTP to deliver high business value. What you will learn Explore value propositions and business processes enabled by SAP's Intelligent and Sustainable Enterprise Understand SAP BTP's foundational elements, such as commercial and account models Discover services that can be part of solution designs to fulfill non-functional requirements Get to grips with integration and extensibility services for building robust solutions Understand what SAP BTP offers for digital experience and process automation Explore data-to-value services that can help manage data and build analytics use cases Who this book is for This SAP guide is for technical architects, solutions architects, and enterprise architects working with SAP solutions to drive digital transformation and innovation with SAP BTP. Some IT background and an understanding of basic cloud concepts is assumed. Working knowledge of the SAP ecosystem will also be beneficial.

Programming Microsoft SQL Server 2012 - Andrew Brust 2012-07-15

Your essential guide to key programming features in Microsoft SQL Server 2012 Take your database programming skills to a new level—and build customized applications using the developer tools introduced with SQL Server 2012. This hands-on reference shows you how to design, test, and deploy SQL Server databases through tutorials, practical examples, and code samples. If you're an experienced SQL Server developer, this book is a must-read for learning how to design and build effective SQL Server 2012 applications. Discover how to: Build and deploy databases using the SQL Server Data Tools IDE Query and manipulate complex data with powerful Transact-SQL enhancements Integrate non-relational features, including native file streaming and geospatial data types Consume data with Microsoft ADO.NET, LINQ, and Entity Framework Deliver data using Windows Communication Foundation (WCF) Data Services and WCF RIA Services Move your database to the cloud with Windows Azure SQL Database Develop Windows Phone cloud applications using SQL Data

Sync Use SQL Server BI components, including xVelocity in-memory technologies

Implementing Microsoft Dynamics 365 for Finance and Operations Apps - JJ Yadav 2020-03-06

Microsoft has changed the technology so customers can now select, evaluate and implement Microsoft Dynamics 365 and other applications for their enterprise. This book will provide insights and relevant information around Dynamics 365 Apps, trial experience and implementation of Dynamics 365 for Finance and Operations Apps **High Impact Data Visualization in Excel with Power View, 3D Maps, Get & Transform and Power BI - Adam Aspin 2016-11-16** Take business intelligence delivery to a new level that is interactive, engaging, even fun, all while driving commercial success through sound decision making. Do this through the power of visualization using this updated edition covering new features and added support for visualization in Excel 2016, and describing the latest developments in Get & Transform and DAX. The example data set has also been updated to demonstrate all that Microsoft's self-service business intelligence suite is now capable of. High Impact Data Visualization in Excel with Power View, 3D Maps, Get & Transform and Power BI, 2nd Edition helps in harnessing the power of Microsoft's flagship, self-service business intelligence suite to deliver compelling and interactive insight with remarkable ease. Learn the essential techniques needed to enhance the look and feel of reports and dashboards so that you can seize your audience's attention and provide them with clear and accurate information. Also learn to integrate data from a variety of sources and create coherent data models displaying clear metrics and attributes. Power View is Microsoft's ground-breaking tool for ad-hoc data visualization and analysis. It's designed to produce elegant and visually arresting output. It's also built to enhance user experience through polished interactivity. Power Map is a similarly powerful mechanism for analyzing data across geographic and political units. Get & Transform lets you load, shape and streamline data from multiple sources. Power Pivot can extend and develop data into a dynamic model. Power BI allows you to share your findings with colleagues, and present your insights to clients. High Impact Data Visualization in Excel with Power View, 3D Maps, Get & Transform and Power BI, 2nd Edition helps you master this suite of powerful tools from Microsoft. You'll learn to identify data sources, and to save time by preparing your underlying data correctly. You'll also learn to deliver your powerful visualizations and analyses through the cloud to PCs, tablets and smartphones. Simple techniques take raw data and convert it into information. Slicing and dicing metrics delivers interactive insight. Visually arresting output grabs and focuses attention on key indicators. What You Will Learn Produce designer output that will astound your bosses and peers. Drive business intelligence from Excel using BI in the Cloud. Gather source data from corporate and public sources. Integrate charts, maps, and tables to deliver visually stunning information. Discover new insights as you chop and tweak your data as never before. Adapt delivery to mobile devices. Outshine competing products and enhance existing skills. Who This Book Is For Any Power BI Desktop, Excel or SharePoint user. Business Intelligence developers, power users, IT managers, finance experts, and more can use this book to outshine the competition by producing high-impact business intelligence reporting on a variety of devices from a variety of sources.

Advances on P2P, Parallel, Grid, Cloud and Internet Computing - Fatos Xhafa 2016-10-21

P2P, Grid, Cloud and Internet computing technologies have been very fast established as breakthrough paradigms for solving complex problems by enabling aggregation and sharing of an increasing variety of distributed computational resources at large scale. The aim of this volume is to provide latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to P2P, Grid, Cloud and Internet computing as well as to reveal synergies among such large scale computing paradigms. This proceedings volume presents the results of the 11th International Conference on P2P, Parallel, Grid, Cloud And Internet Computing (3PGCIC-2016), held November 5-7, 2016, at Soonchunhyang University, Asan, Korea **ABAP Development for SAP S/4HANA - Stefan Haas 2018** Combine your skills in ABAP, SAP Fiori, core data services, and more to master the end-to-end development process for SAP S/4HANA applications. Learn to use the ABAP programming model for SAP Fiori to build applications from scratch, or use SAP Fiori elements to get a head start! Then, deploy your applications to SAP Fiori launchpad and get the best practices you need to operate applications post-development, including Git version control, application tests, and setting up an

integration pipeline. a. Getting Started Get the development foundation you need and master SAP S/4HANA architecture, SAP Fiori, design-led development strategies, and the ABAP programming model for SAP Fiori. b. End-to-End Development Use step-by-step instructions to develop in SAP S/4HANA using core data services, SAP Gateway, OData, service adaptation description language, and BOPF. Create list reports and object pages, overview pages, analytical list pages, freestyle applications, and more. c. Operating Applications Once your applications are developed and exported, get the best practices you need to operate them: Git version control, automated backend and frontend testing, and continuous integration for SAPUI5 and ABAP. 1) ABAP programming model for SAP Fiori 2) SAP Fiori 3) Git 4) SAP Web IDE 5) ABAP Test Cockpit 6) Core data services (CDS) 7) Business Object Processing Framework (BOPF) 8) Service Adaptation Description Language (SADL) 9) OData services 10) SAP S/4HANA Cloud SDK

Practical Guide to SAP S/4HANA Controlling - Nora Voigt 2022-10-06 With SAP Fiori, SAP S/4HANA offers a modern user interface and a simplified new technical data model. The objectives are faster closing and improved performance for reconciliation activities. Using an example manufacturing company, this book presents the resulting new features for the area of Controlling. In addition to the process-related view of the workflows within the company, the book takes a practical look at the SAP Fiori apps in Controlling. You quickly get an overview of the most important innovations, changed Customizing settings, and current developments in all subcomponents in SAP S/4HANA Controlling. Readers who do not have much experience with HANA yet can first familiarize themselves with the new SAP Fiori interface before turning to the new (simplified) data structures of S/4HANA in Financials and Controlling, as well as the changes to master data and processes. You then follow the example company SPEED GmbH through central structures and processes in Product Cost Controlling. The author also looks at the integration of processes, allocations in SAP Controlling, current developments in Profitability Analysis, and planning and reporting with SAP S/4HANA. - New features in Controlling with SAP S/4HANA - Overview of the functions of all subcomponents - Effects of S/4HANA on your business processes - Practical explanations using a continuous example

Advanced Analytics with Excel 2019 - Nigam Manisha 2020-09-03 Explore different ways and methods to consolidate data, complex analysis, and prediction or forecast based on trends KEY FEATURES a- Use the Analysis ToolPak to perform complex Data analysis a- Get well versed with the formulas, functions, and components in Excel a- Handy templates to give you a head start a- Usage of multiple examples to explain the application in a real-world scenario a- Implement macros for your everyday tasks that will help you save your time a- Explore different Charts types for Data visualization DESCRIPTION Book explains and simplify the usage of Excel features and functionalities, with the help of examples. It starts with 'Getting Started with Excel' and 'Performing functions with shortcut keys' which will help you in getting started with Excel. Then 'Formulas and Functions' gives an initial understanding of what are operators, formulas, functions, their components. Further 'Data Visualization with new Charts types', 'Gantt and Milestone chart', 'SmartArt and Organization Chart' give details on the different chart types available in Excel. In the intermediate section you will learn 'Get creative with Icons, 3D models, Digital Inking' details multiple new and improved features that got introduced to enhance the visual presentation. In the end, Chapters 'Mail Merge using Excel', 'Create Custom Excel Template' and 'Macros in Excel' explain the Excel features that help in automating tasks. You will learn how to generate multiple documents automatically with customization, create and use your own templates and use of macros to do repeated task automatically. And at last Chapter 'Get help for your problem' lists few problem statements and their probable solutions with references to the Excel feature or functionality that can be used to resolve the problem. WHAT WILL YOU LEARN a- Get familiar with the most used advanced Excel formulas and functions for Data analysis a- Learn how to create a Gantt / Timeline / Milestone Chart in Excel a- Use charts for Better Data visualization a- Build organization charts with SmartArt tools in Excel a- Use the Analysis ToolPak & Power Pivots to perform complex Data analysis a- Learn how to link and share workbooks for automatic updates WHO THIS BOOK IS FOR This book is for professionals from any domain, who are searching for shortcuts & advanced methods to resolve their daily problems. Table of Contents 1. Getting Started with Excel 2. Perform Functions with Shortcut Keys 3. Formulas and Functions 4. Data Visualization with New Chart types 5. Gantt and Milestone Chart 6. SmartArt & Organization Chart 7. Get creative with Icons, 3D models, Digital Inking 8. Putting Data in perspective with Pivots 9. Complex Data

Analysis using ToolPak 10. Forecasting in Excel 11. Mail Merge using Excel 12. Create Custom Excel Template 13. Macros in Excel 14. Get help for your problem AUTHOR BIO Manisha Nigam is a seasoned management professional with twenty plus years of information technology experience, working with multinationals across the globe. Her expertise in Excel comes from the vast experience she has in using and understanding the software over the years, that helped her in working efficiently and managing complex programs. A certified PMP (PMI - Project Management Professional), CSM (Scrum Alliance - Scrum Master), TOGAF 9.1 (The Open Group - Enterprise Architecture) and holds a post graduate degree in computer science and business management from prestigious universities in India. Her LinkedIn Profile: [linkedin.com/in/mnigam10](https://www.linkedin.com/in/mnigam10)

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.

Learning SAP Analytics Cloud - Riaz Ahmed 2017-07-10

Start making better business decisions backed by data About This Book Predict new opportunities and risks in a few mouse clicks Eliminate complexity with tools that let you plan, analyze, and collaborate in context—in real time Discover, visualize, plan, and predict in a single product with agile BI tools Who This Book Is For This book targets IT professionals, business analysts, BI developers, managers, newcomers to SAP Analytics Cloud, and ultimately anyone who wants to learn from self-paced, professional guidance and needs a solid foundation in SAP Analytics Cloud. What You Will Learn A clear understanding of SAP Analytics Cloud platform Create data models using different data sources, including Excel and text files . Present professional analyses using different types of charts, tables, geo maps, and more Using stories, drill up and down instantly to analyze data from various angles Share completed stories with other team members or compile them in SAP Digital Boardroom agendas for presentation to major stakeholders Export the results of a story to a PDF file Save time by planning, analyzing, predicting, and collaborating in context Discover, visualize, plan, and predict in one product as opposed to separate solutions In Detail The book starts with the basics of SAP Analytics Cloud (formerly known as SAP BusinessObjects Cloud) and exposes almost every significant feature a beginner needs to master. Packed with illustrations and short, essential, to-the-point descriptions, the book provides a unique learning experience. Your journey of exploration starts with a basic introduction to the SAP Analytics Cloud platform. You will then learn about different segments of the product, such as Models, Stories, Digital Boardroom, and so on. Then, you are introduced to the product's interface: the Home screen, the main menu, and more. Then comes the hands-on aspect of the book, which starts with model creation. Next, you learn how to utilize a model to

prepare different types of stories(reports) with the help of charts, tables, Geo Maps, and more. In the final chapters of this book, you will learn about Digital Boardroom, Collaboration, and Administration. Style and approach The easy-to-follow visual instructions provided in this book help business users and report developers create simple and complex stories (reports) quickly

SAP S/4HANA Analytical Applications with Fiori Elements - Uladzislau Pralat 2020-09-04

With a focus on user experience, this guide teaches readers how to successfully create SAP S/4HANA Fiori elements analytical applications. Follow step-by-step implementation instructions for three popular Fiori analytical applications: Open Orders, Accounts Receivable, and Credit Limit Utilization. Walk through the process of understanding user requirements, performing fit and gap analyses, deriving analytical insights, and creating applications. Identify reusable solutions that will save time and improve the quality of your developments. Review strategies for improving performance and the user experience. - Learn the analytical capabilities of Fiori elements templates - Master metadata-driven development using OData services and annotations based on CDS views - Integrate Fiori elements applications to create drill downs and insight to action scenarios - Become more productive and improve quality with reusable solutions

Professional Microsoft SQL Server 2012 Analysis Services with MDX and DAX - Sivakumar Harinath 2012-10-06

Understand Microsoft's dramatically updated new release of its premier toolset for business intelligence The first major update to Microsoft's state-of-the-art, complex toolset for business intelligence (BI) in years is now available and what better way to master it than with this detailed book from key members of the product's development team? If you're a database or data warehouse developer, this is the expert resource you need to build full-scale, multi-dimensional, database applications using Microsoft's new SQL Server 2012 Analysis Services and related tools. Discover how to solve real-world BI problems by leveraging a slew of powerful new Analysis Services features and capabilities. These include the new DAX language, which is a more user-friendly version of MDX; PowerPivot, a new tool for performing simplified analysis of data; BISM, Microsoft's new Business Intelligence Semantic Model; and much more. Serves as an authoritative guide to Microsoft's new SQL Server 2012 Analysis Services BI product and is written by key members of the Microsoft Analysis Services product development team Covers SQL Server 2012 Analysis Services, a major new release with a host of powerful new features and capabilities Topics include using the new DAX language, a simplified, more user-friendly version of MDX; PowerPivot, a new tool for performing simplified analysis of data; BISM, Microsoft's new Business Intelligence Semantic Model; and a new, yet-to-be-named BI reporting tool Explores real-world scenarios to help developers build comprehensive solutions Get thoroughly up to speed on this powerful new BI toolset with the timely and authoritative Professional Microsoft SQL Server 2012 Analysis Services with MDX.

Delta from SAP ERP Financials to SAP S/4HANA Finance - Oona Flanagan 2019-07-12

Interested in learning more about the changes in SAP S/4HANA Finance? Learn what is meant by the merge of financial accounting and controlling in SAP S/4HANA. Discover how the accounting structure and tables have changed and what the implications are. Walk through each area of financial accounting and identify what has changed, along with relevant configurations. Take a look at how new general ledger transactions work in SAP S/4HANA and find out what the universal journal is. Explore important changes to asset accounting and identify updates to the underlying table structure to allow for real-time posting between asset accounting and the general ledger. Learn more about the preparation and migration tools available.

- Key changes to financial accounting and structure in SAP S/4HANA Finance - New general ledger structure in the universal journal - Master data changes in G/L accounts and the business partner - SAP S/4HANA preparation and migration tools

Mastering SAP ABAP - Paweł Grześkowiak 2019-05-31

Take your SAP ABAP skills to the next level by mastering ABAP programming techniques with the help of real-world examples Key Features Become adept at building interfaces and explore ABAP tools and techniques Discover the modern functionalities available in the latest version of ABAP Learn the process of creating stunning HTML5 applications using SAPUI5 Book Description Advanced Business Application Programming (ABAP) is an established and complex programming language in the IT industry. This book is designed to help you use the

latest ABAP techniques and apply legacy constructions using practical examples. You'll start with a quick refresher on language and database concepts, followed by agile techniques for adding custom code to a modern ABAP system. After this, you will get up to speed with the complete ABAP toolset for importing data to and from different environments. Next, you'll learn how to print forms and work with the different ABAP tools for Extensible Markup Language (XML) manipulation. While covering further chapters, you'll gain insights into building stunning UI5 interfaces, in addition to learning how to develop simple apps using the Business Object Processing Framework (BOPF). You will also pick up the technique of handling exceptions and performing testing in ABAP. In the concluding chapters, you can look forward to grasping various techniques for optimizing the performance of programs using a variety of performance analysis tools. By the end of this book, you will have the expertise you need to confidently build maintainable programs in Systems, Applications, and Products (SAP). What you will learn Create stable and error-free ABAP programs Leverage new ABAP concepts including object-oriented programming (OOP) and Model-View-Controller (MVC) Learn to add custom code to your existing SAP program Speed up your ABAP programs by spotting bottlenecks Understand techniques such as performance tuning and optimization Develop modern and beautiful user interfaces (UIs) in an ABAP environment Build multiple classes with any nesting level Who this book is for This book is for developers who want to learn and use ABAP skills to become an industry expert. Familiarity with object-oriented programming concepts is expected.

Visual Studio Lightswitch 2012 - Tim Leung 2013-07-29

This book covers LightSwitch 2012, a part of the Visual Studio 2012 package, that is a rapid application deployment tool letting power users and administrators build data-centric business applications for the desktop, cloud, and Web in just a few clicks, with no code required. It covers advanced features and light-coding solutions that users will hunger for soon after they begin building applications.

First Steps in SAP S/4HANA Embedded Analytics - Dmitry Kuznetsov

Dive into this expertly written introduction to embedded analytics in SAP. Get quickly up to speed on the most-important embedded analytics concepts and tools available in SAP S/4HANA. Walk through project activities and get the answer to the question—how much of SAP standard can I use? Obtain an overview of front-end tools including KPIs, multidimensional reporting client, and view/query browser. Learn how to build your own KPIs and reports. Explore custom query options, including those based on CDS technology and BW modeling tools. Get practical advice for managing roles and authorizations. Dive into a list of the most-frequently asked questions. - Explore SAP S/4HANA Embedded Analytics - Look at front-end tools including multidimensional clients - Learn how to build your own KPIs and reports - Identify custom query options

SAP Fiori Implementation and Development - Anil Bavaraju 2017

Introduction to SAP Fiori -- Installation and configuration -- SAP Fiori security -- Implementing transactional apps -- Implementing fact sheet apps -- Implementing analytical apps -- Creating OData services with SAP gateway -- Introduction to SAP web IDE -- Creating and extending transactional apps -- Creating and extending fact sheet apps -- Creating and extending analytical apps -- Workflow and SAP Fiori -- Integration with other SAP products -- Introduction to SAP screen personas

Microsoft Business Intelligence Tools for Excel Analysts - Michael Alexander 2014-05-05

Bridge the big data gap with Microsoft Business Intelligence Tools for Excel Analysts The distinction between departmental reporting done by business analysts with Excel and the enterprise reporting done by IT departments with SQL Server and SharePoint tools is more blurry now than ever before. With the introduction of robust new features like PowerPivot and Power View, it is essential for business analysts to get up to speed with big data tools that in the past have been reserved for IT professionals. Written by a team of Business Intelligence experts, Microsoft Business Intelligence Tools for Excel Analysts introduces business analysts to the rich toolset and reporting capabilities that can be leveraged to more effectively source and incorporate large datasets in their analytics while saving them time and simplifying the reporting process. Walks you step-by-step through important BI tools like PowerPivot, SQL Server, and SharePoint and shows you how to move data back and forth between these tools and Excel Shows you how to leverage relational databases, slice data into various views to gain different visibility perspectives, create eye-catching visualizations and dashboards, automate SQL Server data retrieval and integration, and publish dashboards and reports to the web Details how you can use SQL Server's built-in functions to analyze large amounts of data, Excel pivot tables to

access and report OLAP data, and PowerPivot to create powerful reporting mechanisms You'll get on top of the Microsoft BI stack and all it can do to enhance Excel data analysis with this one-of-a-kind guide written for Excel analysts just like you.

Odata Programming Cookbook for . Net Developers - Steven Cheng 2012-07-25

A fast track example- driven guide with clear instructions and details for OData programming with .NET Framework.

ABAP RESTful Programming Model - Stefan Haas 2019

You've worked with ABAP, SAP Fiori, and OData--now see how these technologies and more come together in the ABAP RESTful programming model! Build on your expertise to create cloud-ready applications for SAP S/4HANA and deploy applications to the SAP Fiori launchpad. Manage applications with Git version control, automated testing, and continuous integration. Make the new model work for you! 1) ABAP RESTful programming model 2) End-to-end development 3) SAP S/4HANA 4) SAP Fiori Elements 5) Business objects 6) Deployment 7) Core data services (CDS) 8) OData services 9) Automated testing 10) Continuous integration 11) SAP Cloud Platform a. ABAP RESTful Programming Model Develop web-based SAP HANA-optimized ABAP applications for SAP S/4HANA. Master the new ABAP RESTful programming model, from queries, business objects, and business services, to its relationship to SAP Fiori and SAP Gateway. b. SAP Fiori Elements and Freestyle Applications Get the step-by-step instructions you need to create list reports, overview pages, analytical list pages, and freestyle applications. See how the ABAP RESTful programming model incorporates core data services, business object behaviors, OData, and more. c. Deployment and Operations Once your applications are developed, deploy them to the SAP Fiori launchpad. Implement Git version control, automated backend and frontend testing, and continuous integration.

Practical Guide to SAP HANA and Big Data Analytics - Dominique Alfermann 2018-12-20

In this book written for SAP BI, big data, and IT architects, the authors expertly provide clear recommendations for building modern analytics architectures running on SAP HANA technologies. Explore integration with big data frameworks and predictive analytics components. Obtain the tools you need to assess possible architecture scenarios and get guidelines for choosing the best option for your organization. Know your options for on-premise, in the cloud, and hybrid solutions. Readers will be guided through SAP BW/4HANA and SAP HANA native data warehouse scenarios, as well as field-tested integration options with big data platforms. Explore migration options and architecture best practices. Consider organizational and procedural changes resulting from the move to a new, up-to-date analytics architecture that supports your data-driven or data-informed organization. By using practical examples, tips, and screenshots, this book explores: - SAP HANA and SAP BW/4HANA architecture concepts - Predictive Analytics and Big Data component integration - Recommendations for a sustainable, future-proof analytics solutions - Organizational impact and change management

Advances in Internet, Data & Web Technologies - Leonard Barolli 2018-02-23

This book presents original contributions on the theories and practices of emerging Internet, data and Web technologies and their applicability in businesses, engineering and academia, focusing on advances in the life-cycle exploitation of data generated from the digital ecosystem data technologies that create value, e.g. for businesses, toward a collective intelligence approach. The Internet has become the most proliferative platform for emerging large-scale computing paradigms. Among these, data and web technologies are two of the most prominent paradigms and are found in a variety of forms, such as data centers, cloud computing, mobile cloud, and mobile Web services. These technologies together create a digital ecosystem whose cornerstone is the data cycle, from capturing to processing, analyzing and visualizing. The investigation of various research and development issues in this digital ecosystem are made more pressing by the ever-increasing requirements of real-world applications that are based on storing and processing large amounts of data. The book is a valuable resource for researchers, software developers, practitioners and students interested in the field of data and web technologies.

Professional Microsoft SQL Server 2012 Reporting Services - Paul Turley 2012-05-23

A must-have guide for the latest updates to the new release of Reporting Services SQL Server Reporting Services allows you to create reports and business intelligence (BI) solutions. With this updated resource, a team of experts shows you how Reporting Services makes reporting faster, easier

and more powerful than ever in web, desktop, and portal solutions. New coverage discusses the new reporting tool called Crescent, BI semantic model's impact on report design and creation, semantic model design, and more. You'll explore the major enhancements to Report Builder and benefit from best practices shared by the authors. Builds on the previous edition while also providing coverage of the new features introduced with SQL Server 2012 Explains Reporting Services architecture and BI fundamentals Covers advanced report design and filtering techniques, walking you through each design, discussing its purpose and the conditions where it could be more efficient Discusses semantic model design, Report Builder, Crescent, and more Targets business analysts and report designers as well as BI solution developers Professional Microsoft SQL Server 2012 Reporting Services is mandatory reading if you are eager to start using the newest version of SQL Server Reporting Services.

Developing Business Intelligence Apps for SharePoint - David Feldman 2013-07-02

Create dynamic business intelligence (BI) solutions for SharePoint faster and with more capabilities than previously possible. With this book, you'll learn the entire process—from high-level concepts to development and deployment—for building data-rich BI applications with Visual Studio LightSwitch, SQL Server 2012, and a host of related Microsoft technologies. You'll learn practical techniques and patterns necessary to use all of these technologies together as you build an example application through the course of the book, step by step. Discover how to solve real problems, using BI solutions that will evolve to meet future needs. Learn the fundamentals of SharePoint, LightSwitch, and SQL Server 2012 Get a solid grounding in BI application basics and database design principles Use LightSwitch to build a help desk app, including data model design and SharePoint data integration Build a tabular cube with Microsoft's Business Intelligence Semantic Model (BISM) Dive into the data visualization stack, including Excel and SQL Server Reporting Services Create reports with Excel Services, Report Builder, and PowerView Use tips and tricks for setting up your BI application development environment

Building ERP Solutions with Microsoft Dynamics NAV - Stefano Demiliani 2017-03-22

Create real-world enterprise solutions with NAV, Cloud, and the Microsoft stack About This Book Integrate NAV with various offerings of the Microsoft stack to create enterprise-ready and service-oriented solutions Use Power BI and Universal Windows Platform for effective data analysis and real-time tracking with NAV Discover the services offered by Microsoft Azure and implement them in different industries using real-world case scenarios Who This Book Is For This book is for NAV developers and solution architects who need to implement real-world enterprise solutions based on Microsoft Dynamics NAV. Knowledge of the NAV programming language (C/AL) and C# language is recommended. Knowledge of ASP.NET and Visual Studio development would help, but is not necessary. What You Will Learn Configure NAV Web Services and create external applications with Visual Studio, .NET, and .NET Core Solve technical architectural problems by implementing enterprise solutions with NAV Develop applications and solutions with Microsoft Dynamics NAV and the Microsoft technology stack Create a Power BI dashboard for rich reporting and NAV data analysis Find out how to transmit your device location from a UWP application to NAV in order to implement a distributed solution for managing couriers in a sales company Make the most of Microsoft Azure and its services Create enterprise solutions with NAV by using Azure App Service Use Azure Service Bus for managing distributed NAV applications In Detail Implementing Microsoft Dynamics NAV in the real world often requires you to integrate the ERP with external applications or solve complex architectural tasks in order to have a final successful project. This book will show you how to extend a Microsoft Dynamics NAV installation to the enterprise world in a practical way. The book starts with an introduction to Microsoft Dynamics NAV architecture and then moves on to advanced topics related to implementing real-world solutions based on NAV and external applications. You will learn how an enterprise distributed architecture with NAV at the core can be implemented. Through a series of real-world cases on every topic and every industry (sales, retail, manufacturing, distribution, healthcare, and so on), you'll see step by step how to efficiently solve a technical problem. These common problems encountered in a NAV implementation will be solved using the entire technology stack that Microsoft offers. By the end of the book, you will have the knowledge to efficiently solve certain scenarios, you will know which is the best solution architecture to propose to a customer and how to implement it. Style and approach Taking you through a variety of real-world use cases, the book will show you step by step all you need to know to tackle these problems and give you creative

ideas to implement in related problems you might come across in the real world.

Silverlight 4 Business Intelligence Software - Bart Czernicki
2011-01-27

Business intelligence (BI) software allows you to view different components of a business using a single visual platform, which makes comprehending mountains of data easier. BI is everywhere. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of business intelligence. Currently, we are in the second generation of business intelligence software—called BI 2.0—which is focused on writing business intelligence software that is predictive, adaptive, simple, and interactive. As computers and software have evolved, more data can be presented to end users with increasingly visually rich techniques. Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user-interfaces filled with boring data into fully interactive analytical applications that quickly deliver insight from large data sets. Furthermore, RIAs now include 3D spatial-design capabilities that move beyond a simple list or grid and allow for interesting layouts of aggregated data. BI 2.0 implemented via an RIA technology can truly bring out the power of business intelligence and deliver it to an average user on the Web. Silverlight 4 Business Intelligence Software provides developers, designers, and architects with a solid foundation in business intelligence design and architecture concepts for Microsoft Silverlight. This book covers key business intelligence design concepts and how they can be applied without an existing BI infrastructure. Author Bart Czernicki provides you with examples of how to build small BI applications that are interactive, highly visual, statistical, predictive—and most importantly—intuitive to the end-user. Business intelligence isn't just for the executive branch of a Fortune 500 company—it is for the masses. Let Silverlight 4 Business Intelligence Software show you how to unlock the rich intelligence you already have.

Excel Power Pivot & Power Query For Dummies - Michael Alexander
2022-01-25

Learn to crunch huge amounts of data with PowerPivot and Power Query Do you have a ton of data you need to make sense of? Microsoft's Excel program can handle amazingly large data sets, but you'll need to get familiar with PowerPivot and Power Query to get started. And that's where Dummies comes in. With step-by-step instructions—accompanied by ample screenshots—Excel PowerPivot & Power Query For Dummies will teach you how to save time, simplify your processes, and enhance your data analysis and reporting. Use Power Query to discover, connect to, and import your organization's data. Then use PowerPivot to model it in Excel. You'll also learn to: Make use of databases to store large amounts of data Use custom functions to extend and enhance Power Query Add the functionality of formulas to PowerPivot and publish data to SharePoint If you're expected to wrangle, interpret, and report on large amounts of data, Excel PowerPivot & Power Query For Dummies gives you the tools you need to get up to speed quickly.

Practical Data Science with SAP - Greg Foss 2019-09-18

Learn how to fuse today's data science tools and techniques with your SAP enterprise resource planning (ERP) system. With this practical guide, SAP veterans Greg Foss and Paul Modderman demonstrate how to use several data analysis tools to solve interesting problems with your SAP data. Data engineers and scientists will explore ways to add SAP data to their analysis processes, while SAP business analysts will learn practical methods for answering questions about the business. By focusing on grounded explanations of both SAP processes and data science tools, this book gives data scientists and business analysts powerful methods for discovering deep data truths. You'll explore: Examples of how data analysis can help you solve several SAP challenges Natural language processing for unlocking the secrets in text Data science techniques for data clustering and segmentation Methods for detecting anomalies in your SAP data Data visualization techniques for making your data come to life