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APPLIED MICROSOFT BUSINESS INTELLIGENCE

John Wiley & Sons Leverage the integration of SQL Server and Office for moreeffective BI Applied Microsoft Business Intelligence shows you how toleverage the complete set of Microsoft tools—includingMicrosoft Office and SQL Server—to better analyze businessdata. This book provides best practices for building complete BIsolutions using the full Microsoft toolset. You will learn how toeffectively use SQL Server Analysis and Reporting Services, alongwith Excel, SharePoint, and other tools to provide effective andcohesive solutions for the enterprise. Coverage includes BIarchitecture, data queries, semantic models, multidimensionalmodeling, data analysis and visualization, performance monitoring,data mining, and more, to help you learn to perform practicalbusiness analysis and reporting. Written by an author team thatincludes a key member of the BI product team at Microsoft, thisuseful reference provides expert instruction for more effective useof the Microsoft BI toolset. Use Microsoft BI suite cohesively for more effective enterprisesolutions Search, analyze, and visualize data more efficiently andcompletely Develop flexible and scalable tabular and multidimensionalmodels Monitor performance, build a BI portal, and deploy and managethe BI Solution

MICROSOFT BUSINESS INTELLIGENCE TOOLS FOR EXCEL ANALYSTS

John Wiley & Sons 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.

MICROSOFT BUSINESS INTELLIGENCE FOR DUMMIES

John Wiley & Sons Learn to create an effective business strategy using Microsoft's BI stack Microsoft Business Intelligence tools are among the most widely used applications for gathering, providing access to, and analyzing data to enable the enterprise to make sound business decisions. The tools include SharePoint Server, the Office Suite, PerformancePoint Server, and SQL Server, among others. With so much jargon and so many technologies involved, Microsoft Business Intelligence For Dummies provides a much-needed step-by-step explanation of what's involved and how to use this powerful package to improve your business. Microsoft Business Intelligence encompasses a broad collection of tools designed to help business owners and managers direct the enterprise effectively This guide provides an overview of SharePoint, PerformancePoint, the SQL Server suite, Microsoft Office, and the BI development technologies Explains how the various technologies work together to solve functional problems Translates the buzzwords and shows you how to create your business strategy Examines related technologies including data warehousing, data marts, Online Analytical Processing (OLAP), data mining, reporting, dashboards, and Key Performance Indicators (KPIs) Simplifies this complex package to get you up and running quickly Microsoft Business Intelligence For Dummies demystifies these essential tools for enterprise managers, business analysts, and others who need to get up to speed.

DATA MINING FOR BUSINESS INTELLIGENCE

CONCEPTS, TECHNIQUES, AND APPLICATIONS IN MICROSOFT OFFICE EXCEL WITH XLMINER

John Wiley & Sons

APPLIED MICROSOFT ANALYSIS SERVICES 2005 AND MICROSOFT BUSINESS INTELLIGENCE PLATFORM

Prologika Press Provides information on the fundamentals of Microsoft SQL Server 2005 Analysis Services.

PATTERN RECOGNITION AND MACHINE LEARNING

Springer This is the first textbook on pattern recognition to present the Bayesian viewpoint. The book presents approximate inference algorithms that permit fast approximate answers in situations where exact answers are not feasible. It uses graphical models to describe probability distributions when no other books apply graphical models to machine learning. No previous knowledge of pattern recognition or machine learning concepts is assumed. Familiarity with multivariate calculus and basic linear algebra is required, and some experience in the use of probabilities would be helpful though not essential as the book includes a self-contained introduction to basic probability theory.

COMPUTERWORLD

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

NEXT-GENERATION BUSINESS INTELLIGENCE SOFTWARE WITH SILVERLIGHT 3

Apress Business intelligence (BI) software is the code and tools that allow you to view different components of a business using a single visual platform, making comprehending mountains of data easier. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of BI applications. Currently, we are in the second generation of BI software, called BI 2.0. This generation is focused on writing BI 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 to deliver insight from large data sets quickly. Furthermore, RIAs include 3D spatial design capabilities that allow for interesting layouts of aggregated data beyond a simple list or grid. BI 2.0 implemented via RIA technology can truly bring out the power of BI and deliver it to an average user via the Web. Next-Generation Business Intelligence Software with Rich Internet Applications provides developers, designers, and architects a solid foundation of BI design and architecture concepts with Microsoft Silverlight. This book covers key BI design concepts and how they can be applied without requiring an existing BI infrastructure. The author, Bart Czernicki, will show you how to build small BI applications by example that are interactive, highly visual, statistical, predictive, and most importantly, intuitive to the user. BI isn't just for the executive branch of a Fortune 500 company; it is for the masses. Let Next-Generation Business Intelligence Software with Rich Internet Applications show you how to unlock the rich intelligence you already have.

SILVERLIGHT 4 BUSINESS INTELLIGENCE SOFTWARE

Apress 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.

PROFESSIONAL MICROSOFT SQL SERVER 2012 ANALYSIS SERVICES WITH MDX AND DAX

John Wiley & Sons 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.

APPLIED ARTIFICIAL INTELLIGENCE

LEARN SALES MANAGEMENT TECHNIQUES BY APPLYING ARTIFICIAL INTELLIGENCE TO AUTOMATE YOUR BUSINESS THANKS TO MACHINE LEARNING AND DEVELOPING LEADERSHIP

"Buy the paperback version of this book and get the kindle book version for free"Do you want to learn about new technologies to bring your business into the business of the 21st century? Artificial intelligence is proceeding forward to become the predominant element in human lives, whether businesses like it or not. Multinational companies have been able to leverage machine learning to gain insights into customer behavior and the intricacies of their own businesses to stay competitive and carry their businesses into the future. Standing toe-to-toe with these large companies may seem impossible with their huge data and staff resources, but artificial intelligence poises business leaders to level the playing field. Applied Artificial Intelligence teaches business leaders and data scientists how they can use intelligent technology to solve their business problems, scale AI technology to their business, use AI technology to train staff and develop leadership qualities, and keep up on the latest trends in IoT and business intelligence. The days of simply peddling a product and expecting a return are passed. The world of the modern day is characterized by information exchange, and this information exists in the form of data that need to be curated and analyzed. Businesses use data not only to make their businesses more competitive but literally to stay alive. Multinational businesses like Microsoft, Google, and Amazon are not giants in their industries because they developed sophisticated technologies and then stopped. These companies use data to stay competitive, and smaller companies will have to do the same if they expect to survive. Applied artificial intelligence refers to leveraging intelligent technology to increase the productivity of a business. This term acknowledges that artificial intelligence can be something abstract that computer scientists and data scientists experiment with in order to get a glimpse of our collective technological future, but it can also be a technology that has real practical aspects to businesses. The purpose of this book is to help the reader approach artificial intelligence pragmatically. The reader will be provided with strategies that other businesses use to integrate their data with smart technology. They will also be informed of the latest trends in business intelligence as well as given numerous examples of the many ways that businesses of every type are using machine learning to leverage profits. The idea that artificial intelligence is something scary that big, multinational companies use to do mysterious things with data is a viewpoint that is not helpful to any business owner. Artificial intelligence is shaping the future, and it is up to business leaders to recognize this and stay abreast of the latest trends and strategies. Would you like to know more?Scroll to the top of the page and select the buy now button.

MICROSOFT .NET - ARCHITECTING APPLICATIONS FOR THE ENTERPRISE

Microsoft Press A software architect's digest of core practices, pragmatically applied Designing effective architecture is your best strategy for managing project complexity–and improving your results. But the principles and practices of software architecting–what the authors call the "science of hard decisions"–have been evolving for cloud, mobile, and other shifts. Now fully revised and updated, this book shares the knowledge and real-world perspectives that enable you to design for success–and deliver more successful solutions. In this fully updated Second Edition, you will: Learn how only a deep understanding of domain can lead to appropriate architecture Examine domain-driven design in both theory and implementation Shift your approach to code first, model later–including multilayer architecture Capture the benefits of prioritizing software maintainability See how readability, testability, and extensibility lead to code quality Take a user experience (UX) first approach, rather than designing for data Review patterns for organizing business logic Use event sourcing and CQRS together to model complex business domains more effectively Delve inside the persistence layer, including patterns and implementation.

MICROSOFT SQL AZURE ENTERPRISE APPLICATION DEVELOPMENT

Packt Publishing Ltd Build enterprise-ready applications and projects with Microsoft SQL Azure using this book and eBook.

MICROSOFT BUSINESS INFORMATION SYSTEMS

GRIN Verlag Seminar paper from the year 2011 in the subject Computer Science - Commercial Information Technology, grade: A, University of Kent, course: BSC, language: English, abstract: Information is necessary for many businesses whether small, medium, or large, and the necessity of the information depends on a variety of uses. For example, in the case of proper planning in the business, senior managers will require information to facilitate this planning. However, middle-level management relies on detailed systems of information in order to properly control and monitor various activities in the business. At the same time, various employees who have operational roles also tend to rely on information systems in order to efficiently carry out their duties in the business. Due to all these necessities, many businesses tend to develop information systems that operate at the same time. The Microsoft Company applies Management Information Systems (MIS) in dealing with internal affairs of the company. An Office Automation System (OAS) improves the productivity of employees who need to process data and information (Bill 2006). The Microsoft Company deals with several software systems and the use of OAS becomes handy since it enhances employees' productivity. Employees have the ability to work from their own homes, as well as other areas at their convenience. Apart from these two systems of information, the other systems of information applicable by the Microsoft Company is the use of Decision Support Systems commonly known as DSS. A decision support system enables the management to make decisions in situations surrounded by uncertainty (Bill 2006). A lot of uncertainty occasionally arises from these big companies such as Microsoft and in such times, the use of DSS becomes handy. This method consists of techniques and tools capable of collecting relevant information and providing analysis of all the relevant information gathered. In the process of analysis provisions, the method also provides alternatives used in case of absence of relevant information. Apart from the provisions of alternatives, this method also involves the use of complex spreadsheets and various databases used to develop several "what-if" models.

USING MICROSOFT DYNAMICS AX 2009

Springer Science & Business Media Precise descriptions and instructions enable users, IT officers and consultants to easily understand Microsoft Dynamics AX. Microsoft offers Dynamics AX as its premium ERP solution to supply midsize and larger organizations with a complete business management solution, which is easy to use. Going through a simple but comprehensive case study – the sample company 'Anso Technologies Inc.' – this book provides the required knowledge to handle all basic business processes in Dynamics AX. Exercises allow to train the processes and functionality described, which makes this book also a good choice for self-study.

MACHINE LEARNING WITH DYNAMICS 365 AND POWER PLATFORM

THE ULTIMATE GUIDE TO APPLY PREDICTIVE ANALYTICS

John Wiley & Sons 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.

SUCCESS WITH MICROSOFT DYNAMICS CRM 4.0

IMPLEMENTING CUSTOMER RELATIONSHIP MANAGEMENT

Apress Success with Microsoft Dynamics CRM 4.0: Implementing Customer Relationship Management is aimed at readers who are interested in understanding how to successfully implement Microsoft Dynamics CRM 4.0 within their projects. It is intended as an implementation roadmap for the business and technical representatives leading or engaged in a project. The book covers the capabilities of Microsoft Dynamics CRM, both in the traditional functional areas of sales, marketing, and service and as an applications framework for XRM deployments. The book demonstrates CRM best practices for design, configuration, and development. Through real–world solutions and exercises, you will be given the confidence and expertise to deliver an implementation that provides long–term success for your organization.

APPLICATION SERVERS FOR E-BUSINESS

CRC Press The modern application server is a complex platform that is the linchpin in an enterprise environment that includes a very wide range of technologies-web document formatting, web protocols, server-side scripts, servlets, applets, programming languages, distributed object technologies, security capabilities, directory and naming services, load balan

MICROSOFT FOREFRONT SECURITY ADMINISTRATION GUIDE

Elsevier Microsoft Forefront is a comprehensive suite of security products that will provide companies with multiple layers of defense against threats. Computer and Network Security is a paramount issue for companies in the global marketplace. Businesses can no longer afford for their systems to go down because of viruses, malware, bugs, trojans, or other attacks. Running a Microsoft Forefront Suite within your environment brings many different benefits. Forefront allows you to achieve comprehensive, integrated, and simplified infrastructure security. This comprehensive suite of tools provides end-to-end security stretching from Web servers back to the desktop. This book will provide system administrators familiar with Syngress' existing Microsoft networking and security titles with a complete reference to Microsoft's flagship security products. * First book to address securing an entire Microsoft network from Web servers all the way back to the desktop. * Companion Web site provides best practices checklists for securing Microsoft operating systems, applications, servers, and databases. * Companion Web site provides special chapter on designing and implementing a disaster recover plan

for a Microsoft network.

DEVELOPING BUSINESS INTELLIGENCE APPS FOR SHAREPOINT

COMBINE THE POWER OF SHAREPOINT, LIGHTSWITCH, POWER VIEW, AND SQL SERVER 2012

"O'Reilly Media, Inc." 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

BUSINESS INTELLIGENCE IN MICROSOFT SHAREPOINT 2010

Pearson Education Dive into the business intelligence (BI) features in SharePoint 2010—and use the right combination of tools to deliver compelling solutions. This practical guide helps you explore several BI application services available in SharePoint 2010 and Microsoft SQL Server 2008 R2. You'll learn each technology with step-by-step instructions, and determine which ones work best in specific BI scenarios—whether you're a SharePoint administrator, SQL Server developer, or business analyst. Choose the BI tools that meet your needs—and learn how they work together Examine the BI lifecycle, from determining key performance indicators to building dashboards Take Microsoft Excel further—gain more control and functionality with web-based Excel Services Mash up data from multiple sources using PowerPivot for Excel 2010 Create data visualizations with objects, context, and metrics using Microsoft Visio Services Build dashboards, scorecards, and other monitoring and analysis tools with PerformancePoint Services Use SharePoint to view BI reports side by side, no matter which tools were used to produced them Your companion web content includes: Interactive exercises that help you try out concepts or techniques Code samples that enable you to work with the exercises

MICROSOFT POWER BI COOKBOOK

CREATING BUSINESS INTELLIGENCE SOLUTIONS OF ANALYTICAL DATA MODELS, REPORTS, AND DASHBOARDS

Packt Publishing Ltd 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 languages Who This Book Is For This 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 solution In Detail Microsoft 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-live examples.

PRO DAX WITH POWER BI

BUSINESS INTELLIGENCE WITH POWERPIVOT AND SQL SERVER ANALYSIS SERVICES TABULAR

Apress Know the intricate workings of DAX and the mechanics that are necessary to solve advanced Power BI challenges. This book is all about DAX (Data Analysis Expressions), the formula language used in Power BI, Microsoft's leading self-service business Intelligence application, and covers other products such as PowerPivot and SQL Server Analysis Services Tabular. You will learn how to leverage the advanced applications of DAX to solve complex tasks. Often a task seems complex due to a lack of understanding, or a misunderstanding of core principles, and how certain components interact with each other. The authors of this book use solutions and examples to teach you how to solve complex problems. They explain the intricate workings of important concepts such as Filter Context and Context Transition. Explanation is given to how, through combining building blocks of DAX (such as measures, table filtering, and data lineage), Power BI can yield impressive analytical power. Throughout Pro Dax with Power BI these building blocks are used to create and compose solutions for advanced DAX problems so you can independently build solutions to your own complex problems, and gain valuable insight from your data. What You'll Learn Understand the intricate workings of DAX to solve advanced problems Deconstruct problems into manageable parts in order to create your own recipes Apply predefined solutions for addressing problems, and link back step-by-step to the mechanics of DAX, to know the foundation of this powerful query language Get fully on board with DAX, a new and evolving language, by learning best practices Who This Book Is For Anyone who wants to use Power BI to build advanced and complex models. Some experience writing DAX is helpful, but not essential if you have experience with other data query languages such as MDX or SQL.

PRO BAM IN BIZTALK SERVER 2009

Apress Business activity monitoring, or BAM, provides real-time business intelligence by capturing data as it flows through a business system. By using BAM, you can monitor a business process in real time and generate alerts when the process needs human intervention. Pro Business Activity Monitoring in BizTalk 2009 focuses on Microsoft's BAM tools, which provide a flexible infrastructure that captures data from Windows Communication Foundation, Windows Workflow Foundation, .NET applications, and BizTalk Server. This book shows why BAM is an important component of any business intelligence strategy because it bridges the gap between business intelligence and business process management. Part One of the book covers the basics of BAM. It teaches you how to install BAM, and then it leads you through a complete but simple project to capture data from a WCF service Part Two of the book describes the BAM tool set. It shows you how to define the data that is captured by BAM, wire up a BizTalk application for BAM, and view BAM data using the BAM Portal Part Three of the book focuses on monitoring applications written in WCF or WF. It also shows you how to use the BAM API Part Four of the book covers advanced topics in BAM. These topics include integrating BAM with Microsoft's BI stack, creating relationships between BAM activities, managing BAM servers, and monitoring BizTalk applications using BAM This book contains numerous exercises to help you learn BAM. Source code for the samples is available from Apress.com. For many CIOs, business intelligence is at the top of their priority lists. Learn why with Pro Business Activity Monitoring in BizTalk 2009.

APPLIED MICROSOFT POWER BI

BRING YOUR DATA TO LIFE!

An insightful tour that provides an authoritative yet independent view of this exciting technology, this guide introduces Microsoft Power BI - a cloud-hosted, business intelligence and analytics platform that democratizes and opens BI to everyone. Information workers will learn how to connect to popular cloud services to derive instant insights, create interactive reports and dashboards, and view them in the browser and on the go. Data analysts will discover how to integrate and transform data from virtually everywhere and then implement sophisticated self-service models. The book teaches BI and IT pros how to establish a trustworthy environment that promotes collaboration and how to implement Power BI-centric solutions for descriptive, real-time, and predictive analytics. Developers will find how to integrate custom applications with Power BI, embed reports, and implement custom visuals to present effectively any data. Ideal for both experienced BI practitioners or beginners, this book doesn't assume any prior data analytics experience. It's designed as an easy-to-follow guide that introduces new concepts with step-by-step instructions and hands-on demos. What's Inside: Power BI for Information Workers Get instant insights from cloud services and files Explore data with a few clicks Access BI content on mobile devices Power BI for Data Analysts Import data from virtually anywhere Cleanse, transform and shape data Create sophisticated data models Implement business calculations Power BI for Pros Enable sharing and collaboration Implement organizational BI solutions Power BI for Developers Implement Power BI-centric solutions Report-enable custom applications Build custom visuals and much more ... The book website at www.prologika.com provides sample chapters, source code, and discussion forum.

APPLIED MICROSOFT POWER BI (5TH EDITION): BRING YOUR DATA TO LIFE!

Prologika Written by a Microsoft MVP and revised annually, this insightful guide introduces Microsoft Power BI - a cloud-hosted, business intelligence and analytics platform that democratizes and opens BI to everyone. Information workers will learn how to connect to popular cloud services to derive instant insights, create interactive reports and dashboards, and view them in the browser and on the go. Data analysts will discover how to integrate and transform data from virtually everywhere and then implement sophisticated self-service models for descriptive and predictive analytics. The book teaches BI and IT pros how to establish a trustworthy environment that promotes collaboration and how to implement Power BI-centric solutions for organizational BI. Developers will find how to integrate custom applications with Power BI, embed reports, and implement custom visuals to present effectively any data. Ideal for both experienced BI practitioners or beginners, this book doesn't assume any prior data analytics experience. It's designed as an easy-to-follow guide that introduces new concepts with step-by-step instructions and hands-on demos. The book page at prologika.com/applied-microsoft-power-bi provides sample chapters, source code, and discussion forum.What's Inside: Power BI for Information Workers Get instant insights from cloud services and files Explore data with interactive reports Assemble dashboards with a few clicks Access BI content on mobile devices Power BI for Data Analysts Import data from virtually anywhere Cleanse, transform and shape data Create sophisticated data models Implement business calculations Get insights from data Apply Machine Learning Power BI for Pros Enable sharing and collaboration Deploy to cloud and on premises Implement organizational BI solutions Power BI for Developers Automate Power BI Report-enable custom applications Build custom visuals and much more ...

CURRENT APPROACHES IN APPLIED ARTIFICIAL INTELLIGENCE

28TH INTERNATIONAL CONFERENCE ON INDUSTRIAL, ENGINEERING AND OTHER APPLICATIONS OF APPLIED INTELLIGENT SYSTEMS, IEA/AIE 2015, SEOUL, SOUTH KOREA, JUNE 10-12, 2015, PROCEEDINGS

Springer This book constitutes the refereed conference proceedings of the 28th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2015, held in Seoul, South Korea, in June 2015. The 73 revised full papers presented were carefully reviewed and selected from 105 submissions. The papers cover a wide range of topics in applied artificial intelligence including reasoning, robotics, cognitive modeling, machine learning, pattern recognition, optimization, text mining, social network analysis, and evolutionary algorithms. They are organized in the following topical sections: theoretical AI, knowledge-based systems, optimization, Web and social networks, machine learning, classification, unsupervised learning, vision, image and text processing, and intelligent systems applications.

APPLIED ARTIFICIAL INTELLIGENCE

LEARN SALES MANAGEMENT TECHNIQUES BY APPLYING ARTIFICIAL INTELLIGENCE TO AUTOMATE YOUR BUSINESS THANKS TO MACHINE LEARNING AND DEVELOPING LEADERSHIP

"Buy the paperback version of this book and get the kindle book version for free" Do you want to learn about new technologies to bring your business into the business of the 21st century? Artificial intelligence is proceeding forward to become the predominant element in human lives, whether businesses like it or not. Multinational companies have been able to leverage machine learning to gain insights into customer behavior and the intricacies of their own businesses to stay competitive and carry their businesses into the future. Standing toe-to-toe with these large companies may seem impossible with their huge data and staff resources, but artificial intelligence poises business leaders to level the playing field. Applied Artificial Intelligence teaches business leaders and data scientists how they can use intelligent technology to solve their business problems, scale AI technology to their business, use AI technology to train staff and develop leadership qualities, and keep up on the latest trends in IoT and business intelligence. The days of simply peddling a product and expecting a return are passed. The world of the modern day is characterized by information exchange, and this information exists in the form of data that need to be curated and analyzed. Businesses use data not only to make their businesses more competitive but literally to stay alive. Multinational businesses like Microsoft, Google, and Amazon are not giants in their industries because they developed sophisticated technologies and then stopped. These companies use data to stay competitive, and smaller companies will have to do the same if they expect to survive. Applied artificial intelligence refers to leveraging intelligent technology to increase the productivity of a business. This term acknowledges that artificial intelligence can be something abstract that computer scientists and data scientists experiment with in order to get a glimpse of our collective technological future, but it can also be a technology that has real practical aspects to businesses. The purpose of this book is to help the reader approach artificial intelligence pragmatically. The reader will be provided with strategies that other businesses use to integrate their data with smart technology. They will also be informed of the latest trends in business intelligence as well as given numerous examples of the many ways that businesses of every type are using machine learning to leverage profits. The idea that artificial intelligence is something scary that big, multinational companies use to do mysterious things with data is a viewpoint that is not helpful to any business owner. Artificial intelligence is shaping the future, and it is up to business leaders to recognize this and stay abreast of the latest trends and strategies. Would you like to know more? Scroll to the top of the page and select the buy now button.

BEGINNING APPLICATION LIFECYCLE MANAGEMENT

Apress Beginning Application Lifecycle Management is a guide to an area of rapidly growing interest within the development community: managing the entire cycle of building software. ALM is an area that spans everything from requirements specifications to retirement of an IT-system or application. Because its techniques allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, the benefits and effects of ALM techniques used on your project can be wide-ranging and pronounced. In this book, author Joachim Rossberg will show you what ALM is and why it matters. He will also show you how you can assess your current situation and how you can use this assessment to create the road ahead for improving or implementing your own ALM process across all of your team's development efforts. Beginning Application Lifecycle Management can be implemented on any platform. This book will use Microsoft Team Foundation Server as a foundation in many examples, but the key elements are platform independent and you'll find the book written in a platform agnostic way. In this book, you'll learn: What application lifecycle management is and why it matters. The steps necessary for implementing an ALM process. Tips and techniques you can use to gain control of your development efforts. How to implement an agile framework into your ALM process How to achieve traceability and visibility in your projects How to automate your ALM process

MICROSOFT 365 BUSINESS FOR ADMINS FOR DUMMIES

John Wiley & Sons Learn streamlined management and maintenance capabilities for Microsoft 365 Business If you want to make it easy for your teams to work together using the latest productivity solutions with built-in security—while saving thousands of dollars in implementing the solution—you've picked the right book. Inside, you'll gain an understanding of Microsoft 365 Business, a complete integrated solution for business productivity and security powered by Office 365 and Windows 10. You'll also learn how this cloud-based solution can help grow your business while protecting company data from potential threats using the same security management tools large enterprises use. Microsoft 365 Business For Admins For Dummies provides business owners, IT teams, and even end users an understanding of the capabilities of Microsoft 365 Business: an integrated platform and security solution built with the latest features to enable today's modern workforce and empower businesses to achieve their goals. De-mystifies the complexities of the bundled solution to help you avoid common deployment pitfalls Includes the latest information about the services included in Microsoft 365 Business Enhance team collaboration with intelligent tools Manage company-owned or bring your own device (BYOD) devices from one portal Step through a guided tour for running a successful deployment Get the guidance you need to deploy Microsoft 365 Business and start driving productivity in your organization while taking advantage of the built-in security features in the solution to grow and protect your business today.

LEARN POWER BI

A COMPREHENSIVE, STEP-BY-STEP GUIDE FOR BEGINNERS TO LEARN REAL-WORLD BUSINESS INTELLIGENCE

Packt Publishing Ltd Learn how to use Power BI to deliver the insights needed to help your enterprise survive and thrive Key FeaturesLearn simple through to advanced Power BI features in a clear, concise way using real-world examplesDevelop powerful analytical models and reports that extract key business insightsPublish, share and collaborate on impressive reports, dashboards, apps and goalsBook Description To succeed in today's transforming business world, organizations need business intelligence capabilities to make smarter decisions faster than ever before. This updated second edition of Learn Power BI takes you on a journey of data exploration and discovery, using Microsoft Power BI to ingest, cleanse, and organize data in order to unlock key business insights that can then be shared with others. This newly revised and expanded edition of Learn Power BI covers all of the latest features and interface changes and takes you through the fundamentals of business intelligence projects, how to deploy, adopt, and govern Power BI within your organization, and how to leverage your knowledge in the marketplace and broader ecosystem that is Power BI. As you progress, you will learn how to ingest, cleanse, and transform your data into stunning visualizations, reports, and dashboards that speak to business decision-makers. By the end of this Power BI book, you will be fully prepared to be the data analysis hero of your organization – or even start a new career as a business intelligence professional. What you will learnGet up and running quickly with Power BIUnderstand and plan your business intelligence projectsConnect to and transform data using Power QueryCreate data models optimized for analysis and reportingPerform simple and complex DAX calculations to enhance analysisDiscover business insights and create professional reportsCollaborate via Power BI dashboards, apps, goals, and scorecardsDeploy and govern Power BI, including using deployment pipelinesWho 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 helpful if you want to migrate from other BI tools to create powerful and interactive dashboards. No experience of working with Power BI is expected.

PRO POWER BI DESKTOP

Apress This book shows how to deliver eye-catching Business Intelligence with Microsoft Power BI Desktop. You can now take data from virtually any source and use it to produce stunning dashboards and compelling reports that will seize your audience's attention. Slice and dice the data with remarkable ease then add metrics and KPIs to project the insights that create your competitive advantage. Make raw data into clear, accurate, and interactive information with Microsoft's free self-service business intelligence tool. Pro Power BI Desktop will help you to push your BI delivery to the next level. You'll learn to create great-looking visualizations and let your audience have fun by interacting with the elegant and visually arresting output that you can now deliver. You can choose from a wide range of built-in and third-party visualization types so that your message is always enhanced. You'll be able to deliver those results on the PC, on tablets, on smartphones, as well as share results via the cloud. Finally, this book helps you save time by preparing the underlying data correctly without needing an IT department to prepare it for you. Power BI Desktop will let your analyses speak for themselves. Simple techniques to make data into insight. Polished interactive dashboards to deliver attention-grabbing information. Visually arresting output on multiple devices grab the reader's attention. What You Will Learn Produce designer output to astound your bosses and peers. Share business intelligence in the cloud Deliver visually stunning charts, maps, and tables. Make them interactive too! Find new insights as you chop and tweak your data as never before. Adapt delivery to mobile devices such as phones and tablets. Audience Pro Power BI Desktop is written for any user who is comfortable in Microsoft Office. Everyone from CEOs and Business Intelligence developers through to power users and IT managers can use this book to outshine the competition by producing 21st Century business intelligence visualizations and reporting on a variety of devices from a variety of data sources. All of this is possible through leveraging your existing skill set with the same, common Microsoft tools you already use in your daily work.

MICROSOFT POWER BI DASHBOARDS STEP BY STEP

Microsoft Press Your hands-on guide to building effective Power BI dashboards Expand your expertise–and teach yourself how to create world-class Power BI business analysis dashboards that bring data to life for better decision-making. If you're an experienced business intelligence professional or manager, you'll get all the guidance, examples, and code you need to succeed–even if you've never used Power BI before. Successfully design, architect, and implement Power BI in your organization Take full advantage of any Microsoft Power BI platform, including Power BI Premium Make upfront decisions that position your Power BI project for success Build rich, live dashboards to monitor crucial data from across your organization Aggregate data and data elements from numerous internal and external data sources Develop dynamic visualizations, including charts, maps, and graphs Bring data to life with stunning interactive reports Ensure dashboard security and compliance Drive user adoption through effective training

SHAREPOINT 2013 FIELD GUIDE

ADVICE FROM THE CONSULTING TRENCHES

Sams Publishing Covers SharePoint 2013, Office 365's SharePoint Online, and Other Office 365 Components In SharePoint 2013 Field Guide, top consultant Errin O'Connor and the team from EPC Group bring together best practices and proven strategies drawn from hundreds of successful SharePoint and Office 365 engagements. Reflecting this unsurpassed experience, they guide you through deployments of every type, including the latest considerations around private, public, and hybrid cloud implementations, from ECM to business intelligence (BI), as well as custom development and identity management. O'Connor reveals how world-class consultants approach, plan, implement, and deploy SharePoint 2013 and Office 365's SharePoint Online to maximize both short- and long-term value. He covers every phase and element of the process, including initial "whiteboarding"; consideration around the existing infrastructure; IT roadmaps and the information architecture (IA); and planning for security and compliance in the new IT landscape of the hybrid cloud. SharePoint 2013 Field Guide will be invaluable for implementation team members ranging from solution architects to support professionals, CIOs to end-users. It's like having a team of senior-level SharePoint and Office 365 hybrid architectureconsultants by your side, helping you optimize your success from start to finish! Detailed Information on How to... Develop a 24-36 month roadmap reflecting initial requirements, longterm strategies, and key unknowns for organizations from 100 users to 100,000 users Establish governance that reduces risk and increases value, covering the system as well as information architecture components, security, compliance, OneDrive, SharePoint 2013, Office 365, SharePoint Online, Microsoft Azure, Amazon Web Services, and identity management Address unique considerations of large, global, and/or multilingual enterprises Plan for the hybrid cloud (private, public, hybrid, SaaS, PaaS, IaaS) Integrate SharePoint with external data sources: from Oracle and SQL Server to HR, ERP, or document management for business intelligence initiatives Optimize performance across multiple data centers or locations including US and EU compliance and regulatory considerations (PHI, PII, HIPAA, Safe Harbor, etc.) Plan for disaster recovery, business continuity, data replication, and archiving Enforce security via identity management and authentication Safely support mobile devices and apps, including BYOD Implement true records management (ECM/RM) to support legal/compliance requirements Efficiently build custom applications, workflows, apps and web parts Leverage Microsoft Azure or Amazon Web Services (AWS)

MICROSOFT DATA MINING

INTEGRATED BUSINESS INTELLIGENCE FOR E-COMMERCE AND KNOWLEDGE MANAGEMENT

Elsevier Microsoft Data Mining approaches data mining from the particular perspective of IT professionals using Microsoft data management technologies. The author explains the new data mining capabilities in Microsoft's SQL Server 2000 database, Commerce Server, and other products, details the Microsoft OLE DB for Data Mining standard, and gives readers best practices for using all of them. The book bridges the previously specialized field of data mining with the new technologies and methods that are quickly making it an important mainstream tool for companies of all sizes. Data mining refers to a set of technologies and techniques by which IT professionals search large databases of information (such as those contained by SQL Server) for patterns and trends. Traditionally important in finance, telecommunication, and other information-intensive fields, data mining increasingly helps companies better understand and serve their customers by revealing buying patterns and related interests. It is becoming a foundation for e-commerce and knowledge management. Unique book on a hot data management topic Part of Digital Press's SQL Server and data mining clusters Author is an expert on both traditional and Microsoft data mining technologies

PRO SHAREPOINT 2013 ADMINISTRATION

Apress A guide to SharePoint 2013 provides information on its features and capabilities for administrators, covering such topics as social computing, metadata management, backup administration, and business intelligence.

PROFESSIONAL MICROSOFT SQL SERVER ANALYSIS SERVICES 2008 WITH MDX

John Wiley & Sons When used with the MDX query language, SQL Server Analysis Services allows developers to build full-scale database applications to support such business functions as budgeting, forecasting, and market analysis. Shows readers how to build data warehouses and multi-dimensional databases, query databases, and use Analysis Services and other components of SQL Server to provide end-to-end solutions Revised, updated, and enhanced, the book discusses new features such as improved integration with Office and Excel 2007; query performance enhancements; improvements to aggregation designer, dimension designer, cube and dimension wizards, and cell writeback; extensibility and personalization; data mining; and more

MICROSOFT SHAREPOINT 2007 FOR DUMMIES

John Wiley & Sons Microsoft SharePoint now has a 10 percent share of the portal market, and the new release, which features enhanced integration with Office 2007, is sure to give SharePoint a boost Offers clear instructions and soup-to-nuts coverage of this complex product, focusing instead on practical solutions to real-world SharePoint challenges Features tips, tricks, and techniques for administrators who need to install and configure a SharePoint portal as well as ordinary users who need to populate and maintain the portal and use it for collaborative projects Topics covered include setting up a SharePoint portal, matching SharePoint to business needs, managing portal content, branding, collaborating on SharePoint sites, using a portal to improve employee relations and marketing, putting expense reports and other interactive forms on a portal, and monitoring and backing up SharePoint

THE ATLAS OF AI

POWER, POLITICS, AND THE PLANETARY COSTS OF ARTIFICIAL INTELLIGENCE

Yale University Press The hidden costs of artificial intelligence, from natural resources and labor to privacy and freedom What happens when artificial intelligence saturates political life and depletes the planet? How is AI shaping our understanding of ourselves and our societies? In this book Kate Crawford reveals how this planetary network is fueling a shift toward undemocratic governance and increased inequality. Drawing on more than a decade of research, award-winning science, and technology, Crawford reveals how AI is a technology of extraction: from the energy and minerals needed to build and sustain its infrastructure, to the exploited workers behind "automated" services, to the data AI collects from us. Rather than taking a narrow focus on code and algorithms, Crawford offers us a political and a material perspective on what it takes to make artificial intelligence and where it goes wrong. While technical systems present a veneer of objectivity, they are always systems of power. This is an urgent account of what is at stake as technology companies use artificial intelligence to reshape the world.

PROFESSIONAL OFFICE BUSINESS APPLICATION DEVELOPMENT

USING MICROSOFT OFFICE SHAREPOINT SERVER 2007 AND VSTO

John Wiley & Sons