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SQL Server 2017 Machine Learning Services with R Sams Publishing

Explore Visual Basic 2012 and .NET 4.5 with this fully updated resource After a quick review of the of introductory topics of Visual Basic 2012 and .NET 4.5, this book moves quickly into advanced topics such as data access with ADO.NET, security, ASP.NET web programming with Visual Basic, Windows workflow, and threading. You'll explore the essential Visual Basic 2012 functions you need, including .NET features such as LINQ, WCF, and more. Plus, you'll examine exception handling and debugging, Visual Studio features, and deployment. Puts the new Async keyword and Iterators to work Explores new options and interfaces presented by Windows 8 development and WinRT Continues strong coverage of core language elements and tools and creating componentized applications This updated version of Professional Visual Basic 2012 and .NET 4.5 retains its expert author team, including one of the best-known and respected Pro BizTalk 2006 Microsoft Cloud Advocacy Microsoft Visual Basic MVPs, Bill Sheldon, and Microsoft Regional Director "Software Legend "Billy Hollis.

Mastering Visual Studio .NET John Wiley & Sons

Microsoft® Visual Studio 2008 Unleashed is an end-to-end, deep dive into the Visual Studio development environment. It's meant to provide you guidance on how you can squeeze the ultimate productivity out of the many features built into the .NET development tools. Understanding how to use your tools will make you a better developer. This book was written with that premise as its focus. The authors have folded in real-world development experience alongside detailed information about the IDE. The result is practical, easy-to-employ information that will make you a more productive and complete developer. This book also helps to ease your transition from other development environments and former versions of Visual Studio. Finally, this book provides an entire section dedicated to Visual Studio Team System. It will help you understand how the Team Architect, Team Developer, Team Database Developer, and Team Tester work with the Team Foundation Server to increase team collaboration, visibility, and productivity. Microsoft® Visual Studio 2008 Unleashed provides straight, to-the-point answers to common developer questions about the IDE. Detailed Information on... What's new in Visual Studio 2008 Working with solutions, projects, editors, and designers Writing ASP.NET applications Writing and consuming Web Services using Windows Communication Foundation (WCF) Writing Windows Forms and Windows Presentation Foundation (WPF) applications Creating and hosting workflow-based applications using Windows Workflow Foundation (WF) Working with data and databases Refactoring code Debugging code Automating the IDE Writing macros, add-ins, and wizards Using team collaboration and the Visual Studio Team System products Managing source code changes Tracking projects with Team Foundation Server and work items Modeling applications Performing unit, web, and load testing Working with Team Foundation Build

.Net Programming Black Book, New Edition: Covering C# 2005, Vb 2005, Asp.Net And .Net Framework John Wiley & Sons

Learn Microsoft's new C# language with this highly visual and accessible task-based guide. Task-based, visual, step-by-step guide to learning C#, this is udeal as an introductory guide for beginners, or as a handy reference for more experienced C# programmers. Visual Studio 2010 and .NET 4 Six-in-One "O'Reilly Media, Inc."

Complete coverage of all key .NET 4 and Visual Studio 2010 languages and technologies .NET 4 is Microsoft's latest version of their core programming platform, and Visual Studio 2010 is the toolset that helps write .NET 4 applications. This comprehensive resource offers one-stop shopping for all you need to know to get productive with .NET 4. Experienced author and .NET guru Mitchel Sellers reviews all the important new features of .NET 4, including .NET charting and ASP.NET charting, ASP.NET dynamic data and jQuery, and the addition of F# as a supported package language. The expansive coverage is divided into six distinctive parts for easy navigation, and addresses: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language. A practical approach and complete examples round out this Sams Teach Yourself Visual Studio .NET 2003 in 21 Days Apress much-needed reference. Focuses on the new and important features of the latest version Microsoft's core programming platform-.NET 4-as well as Visual Studio 2010, which allows you to write .NET 4 applications Provides comprehensive coverage divided into six parts: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language Discusses Visual Studio snippets and templates, .NET charting components, the .NET framework and WPF, LINQ, and the Entity framework Explores various aspects of Visual Basic 2010, such as multi-line lambdas, auto-implemented properties, nullable optional parameters, and more This investigative look at .NET 4 and Visual Studio 2010 will help you identify and isolate key elements that can benefit you immediately.

Enterprise Development with Visual Studio .NET, UML, and MSF John Wiley &

Develop and run efficient R scripts and predictive models for SQL Server 2017 Key Features Learn how you can combine the power of R and SQL Server 2017 to build efficient, cost-effective data science solutions Leverage the capabilities of R Services to perform advanced analytics-from data exploration to predictive modeling A quick primer with practical examples to help you get up- and- running with SQL Server 2017 Machine Learning Services with R, as part of database solutions with continuous integration / continuous delivery. Book Description R Services was one of the most anticipated features in SQL Server 2016, improved significantly and rebranded as SQL Server 2017 Machine Learning Services. Prior to SQL Server 2016, many developers and data scientists were already using R to connect to SQL Server in siloed environments that left a lot to be desired, in order to do additional data analysis, superseding SSAS Data Mining or additional CLR programming functions. With R integrated within SQL Server 2017, these developers and data scientists can now benefit from its

integrated, effective, efficient, and more streamlined analytics environment. This book gives you foundational knowledge and insights to help you understand SQL Server 2017 Machine Learning Services with R. First and foremost, the book provides practical examples on how to implement, use, and understand SQL Server and R integration in corporate environments, and also provides explanations and underlying motivations. It covers installing Machine Learning Services; maintaining, deploying, and managing code; and monitoring your services. Delving more deeply into predictive modeling and the RevoScaleR package, this book also provides insights into operationalizing code and exploring and visualizing data. To complete the journey, this book covers the new features in SQL Server 2017 and how they are compatible with R, amplifying their combined power. What you will learn Get an overview of SQL Server 2017 Machine Learning Services with R Manage SQL Server Machine Learning Services from installation to configuration and maintenance Handle and operationalize R code Explore RevoScaleR R algorithms and create predictive models Deploy, manage, and monitor database solutions with R Extend R with SQL Server 2017 features Explore the power of R for database administrators Who this book is for This book is for data analysts, data scientists, and database administrators with some or no experience in R but who are eager to easily deliver practical data science solutions in their day-to-day work (or future projects) using SQL Server.

This book focuses on innovative ways to create customized Word documents and templates. It contains an in-depth introduction to VBA (Visual Basic for Applications), which is the embedded programming language in the Microsoft Office 2007. VBA provides a complete integrated development environment (IDE) that allows for document automation, the process of using an automated template for creating documents. The book also includes coverage of the new features of Word 2007 including Content Controls, programming the Ribbon, and more.

Microsoft Visual Studio 2005 Unleashed Apress Mastering Visual Studio .NET provides you, as an experienced programmer, with all the information needed to get the most out of the latest and greatest development tool from Microsoft®. It doesn't matter if you're an MFC, C++, STL, ATL, COM, Win32, Visual Basic, C#, HTML, XML, ASP.NET, database, web application, Web service, NT service, stand-alone client, or component programmer targeting Windows® or one of the Windows variants (i.e. Windows CE or the PocketPC) -- this is the book that will help you master the toolkit. Written by experienced developers and trainers John Flanders, Ian Griffiths, and Chris Sells, Mastering Visual Studio .NET begins with fundamental information about maximizing the power of Visual Studio .NET as it comes out of the box, including the following topics: projects and solutions files and the various file editors debugging web projects database projects setup projects To experience the full spectrum of functionality and extensibility, Mastering Visual Studio .NET provides you with the practical depth and detail needed to best put these features to work. The second section of the book is about extending VS.NET to suit your specific needs: integrating controls and components with VS.NET the VS.NET automation object model macros and add-ins custom wizards the Visual Studio Integration Program (VSIP) If you're serious about using the VS.NET toolkit, you'll want a book of this magnitude close by. Mastering Visual Studio .NET will take you beyond what you'll read in the standard documentation by offering hints and recommendations that the authors and the community at large have found to be useful after many years of experience.

Visual Studio is a development IDE created by Microsoft to enable easier development for Microsoft programming languages as well as development technologies. It has been the most popular IDE for working with Microsoft development products for the past 10 years. Extensibility is a key feature of Visual Studio. There have not been many books written on this aspect of Visual Studio. Visual Studio Extensibility (VSX) can be considered a hard topic to learn for many developers in comparison with most .NET related topics. Also, its APIs are very complex and not very well written. Some may refer to these APIs as "dirty" because they do not have good structure, naming convention, or consistency. Visual Studio is now 10 years old. It was created during the COM days for COM programming but later migrated to .NET. However, Visual Studio still relies heavily on COM programming. It was revamped when moving to the .NET platform but still contains its COM nature; this fact is what makes it harder for .NET developers to work with VSX. Because it is an older product built on two technologies, it has produced inconsistency in code. Although there are problems with the current version of VSX, the future looks bright for it. The many different teams working on the software have been moved into one umbrella group known as the Visual Studio Ecosystem team. Throughout the past 10 years Visual Studio has continued to grow and new extensibility features have been added. Learning all of the options with their different purposes and implementations is not easy. Many extensibility features are broad topics such as add-ins, macros,

these topics can be difficult because they are not closely related to general .NET programming topics. This book is for .NET developers who are interested in extending Visual Studio as their development tool. In order to understand the book you must know the following material well: Object-oriented programming (OOP), the .NET Framework and .NET programming, C# or Visual Basic languages, some familiarity with C++, some familiarity with XML and its related topics, and Visual Studio structure and usage. A familiarity with COM programming and different .NET technologies is helpful. The aims of this book are to: Provide an overview of all aspects of VSX Enable readers to know where/when to use extensibility Familiarize readers with VS Extensibility in detail Show readers the first steps and let them learn through their own experiences Use examples, sample code, and case studies to demonstrate and generate Visual Designers using Visual Studio's built-in things in such a way that helps readers understand the concepts Avoid bothering readers with long discussions and useless code samples In order to use this book, and get the most out of it, there are some technical requirements. You must have the following two packages installed on your machine to be able to read/understand the chapters and test code samples: Visual Studio 2008 Team System Edition (or other commercial editions) Visual Studio 2008 SDK 1.0 (or its newer versions) You will need to buy Visual Studio 2008 to register for an evaluation version. The Free Express editions of Visual Studio do not support the extensibility options. The Visual Studio SDK is needed in order to read some of the chapters in the book and can be downloaded as a free package. The operating system doesn't matter for the content of the book, but all code was written with Visual Studio 2008 Team System Edition in Windows Vista x86. Chapters 1, 2, and 3 will give you an introduction to the basic concepts you need to understand before you can move on to the rest of the book. Chapter 4 discusses the automation model, which is an important prerequisite for many Pro Visual Studio .NET Pearson Education

and the new domain-specific language tools in Visual Studio. Learning

Microsoft Visual Studio 2005 Unleashed is a deep dive into the Visual Studio 2005 tool. Specifically, it will provide you with solid guidance and education that will allow you to squeeze the ultimate productivity and use out of the Visual Studio 2005 development environment. This book folds in real-world development experience with detailed information about the IDE to make you more productive and ease transition from other development environments (including prior versions of Visual Studio). This book will also help you increase team collaboration and project visibility with Visual Studio Team Systems and it will give you straight, to-the-point answers to common developer questions about the IDE. Chapters include: Code Viewers, Explorers, and Browsers Refactoring Code 8 Writing ASP .NET Applications Defining Standards and Practices Introduction to Visual Studio Team System Work Item Tracking Unit and Load Testing

Domain-Specific Development with Visual Studio DSL Tools Hentzenwerke If you're simply curious about what .NET offers, this book provides a strong overview of the .NET Framework and the C# and Visual Basic .NET languages, helping you to assess these new technologies through the lens of Visual FoxPro. If you're already "sold" and are ready to learn specifics about how to use .NET in your software development projects, this book provides plenty of "how to", "step-by-step" and "best practices" information that will help you climb the .NET learning curve and get up and running quickly.

NET for Visual FoxPro Developers Pearson Education

This book is a practical guide to using Visual Studio 2013 that will help you become familiar with the improvements made over previous versions. Each recipe provides a hands-on approach to the new features with step-by-step instructions on how to increase your productivity. If you are a developer excited about the new features introduced in Visual Studio 2013, then no matter what your programming language of choice is, Visual Studio 2013 Cookbook is for you. You should have a good knowledge of working with previous versions of Visual Studio to enjoy the recipes in this book. This book provides practical examples to help you use Visual Studio 2013 more effectively.

Beginning Azure IoT Edge Computing Apress Comprehensive guide to Visual Studio 2013 Visual Studio is your essential tool for Windows programming. Visual Studio 2013 features important updates to the user interface and to productivity. In Professional Visual Studio 2013, author, Microsoft Certified Trainer, and Microsoft Visual C# MVP Bruce Johnson brings three decades of industry experience to guide you through the update, and he doesn't just gloss over the basics. With his unique IDE-centric approach, he steers into the nooks and crannies to help you use Visual Studio 2013 to its maximum potential. Choose from more theme options, check out the new icons, and make your settings portable Step up your workflow with hover colors, auto brace completion, peek, and CodeLens Code ASP.NET faster than ever with new shortcuts Get acquainted with the new SharePoint 2013 environment Find your way around the new XAML editor for Windows Store apps Visual Studio 2013 includes better support for advanced debugging techniques, vast improvements to the visual database tools, and new support for UI testing for Windows Store apps. This update is the key to smoother, quicker programming, and Professional Visual Studio 2013 is your map to everything inside.

C# Web Development with ASP.NET John Wiley & Sons This book enables intermediate and advanced programmers the kind of depth that's really needed, such as advanced window functionality, macros, advanced debugging, and add-ins, etc. With platform, and guides you through hands-on exercises to make edge this book, developers will learn the VS.NET development environment from top to bottom.

Building Solutions with the Microsoft .NET Compact Framework Addison-Wesley Professional

Domain-Specific Languages (DSLs)--languages geared to specific vertical or horizontal areas of interest--are generating growing excitement from software engineers and architects. DSLs bring new

agility to the creation and evolution of software, allowing selected design aspects to be expressed in terms much closer to the system requirements than standard program code, significantly reducing development costs in large-scale projects and product lines. In this breakthrough book, four leading experts reveal exactly how DSLs work, and how you can make the most of them in your environment. With Domain-Specific Development with Visual Studio DSL Tools, you'll begin by mastering DSL concepts and techniques that apply to all platforms. Next, you'll discover how to create and use DSLs with the powerful new Microsoft DSL Tools--a toolset designed by this book's authors. Learn how the DSL Tools integrate into Visual Studio -- and how to define DSLs modeling technology. In-depth coverage includes Determining whether DSLs will work for you Comparing DSLs with other approaches to model-driven development Defining, tuning, and evolving DSLs: models, presentation, creation, updates, serialization, constraints, validation, and more Creating Visual Designers for new DSLs with little or no coding Multiplying productivity by generating application code from your models with easy-to-use text templates Automatically generating configuration files, resources, and other artifacts Deploying Visual Designers across the organization, quickly and easily Customizing Visual Designers for specialized process needs List of Figures List of Tables Foreword Preface About the Authors Chapter 1 Domain-Specific Development Chapter 2 Creating and Using DSLs Chapter 3 Domain Model Definition Chapter 4 Presentation Chapter 5 Creation, Deletion, and Update Behavior Chapter 6 Serialization Chapter 7 Constraints and Validation Chapter 8 Generating Artifacts Chapter 9 Deploying a DSL Chapter 10 Advanced DSL Customization Chapter 11 Designing a DSL Index Building Client/Server Applications with VB .NET Pearson Education Step-by-step beginner's guide to Visual C# 2012 Written for novice programmers who want to learn programming with C# and the .NET framework, this book offers programming basics such as variables, flow control, and object oriented programming. It then moves into web and Windows programming and data access (databases and XML). The authors focus on the tool that beginners use most often to program C#, the Visual C# 2012 development environment in Visual Studio 2012. Puts the spotlight on key beginning level topics with easy-to-follow

Professional Visual Studio Extensibility Apress

opportunity to try out newly acquired skills.

Enter a New World of Database Programming C# and ADO.NET facilitate the development of a new generation of database applications, including remote applications that run on the Web. Mastering C# Database Programming is the resource you need to thrive in this new world. Assuming no prior experience with database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle-tier implementation. If you're familiar with earlier versions of ADO, you'll master the many new features of ADO.NET all the more quickly. You'll also learn the importance of XML within the new .NET paradigm. Coverage includes: Accessing a database using C# and ADO.NET Using SQL to access a database Using Visual Studio .NET to build applications Creating and modifying database tables Understanding ADO.NET classes Designing, building, and deploying Web applications that access a database Designing, building, and deploying effective Web services Using SQL Server's built-in XML capabilities Working with a database in a disconnected manner Using advanced transaction controls Using Transact-SQL to create stored procedures and functions in a SQL Server database

instructions for Microsoft Visual C# 2012 Explores how to program for

Programming offers beginners a guide to writing effective programming

variables, expressions, flow control, and functions Explains the

debugging process and error handling as well as object oriented

code following simple step-by-step methods, each followed by the

programming, and much more Beginning Microsoft Visual C# 2012

Microsoft Expression Blend Unleashed Peachpit Press

- * Especially applicable to readers in the US medical sector. * Supported and technically validated by the MS team. * SSRS will attract companies looking for a low-cost business reporting utility. Visual Studio Team System Apress
- *Takes advantage of lateness to market by including experienced real-world knowledge of ASP.NET development as well as core information * Single volume covering both C# and VB.NET. Pro SharePoint 2010 Solution Development Pearson Education Use a step-by-step process to create and deploy your first Azure IoT Edge solution. Modern day developers and architects in today's cloudfocused world must understand when it makes sense to leverage the cloud. Computing on the edge is a new paradigm for most people. The Azure IoT Edge platform uses many existing technologies that may be familiar to developers, but understanding how to leverage those technologies in an edge computing scenario can be challenging. Beginning Azure IoT Edge Computing demystifies computing on the edge and explains, through concrete examples and exercises, how and when to leverage the power of intelligent edge computing. It introduces the possibilities of intelligent edge computing using the Azure IoT Edge computing approachable, understandable, and highly useful. Through user-friendlydiscussion you will not only understand how to build edge solutions, but also when to build them. By explaining some common solution patterns, the decision on when to use the cloud and when to avoid the cloud will become much clearer. What You'll Learn Create and deploy Azure IoT Edge solutions Recognize when to leverage the intelligent edge pattern and when to avoid it Leverage the available

developer tooling to develop and debug IoT Edge solutions Know which off-the-shelf edge computing modules are available Become familiar with some of the lesser-known device protocols used in conjunction with edge computing Understand how to securely deploy and bootstrap an IoT Edge deviceExplore related topics such as containers and secure device provisioning Who This Book Is For Developers or architects who want to understand edge computing and when and where to use it. Readers should be familiar with C# or Python and have a high-level understanding of the Azure IoT platform.

Professional Visual Studio 2005 Team System Jones & Bartlett Publishers

Visual Studio Team System (VSTS) gives Microsoft development teams a powerful, integrated toolset for Agile development. Visual Studio Team System: Better Software Development for Agile Teams is a comprehensive, start-to-finish guide to making the most of VSTS in real-world Agile environments. Using a book-length case study, the authors show how to use VSTS to improve every aspect of software development, step by step-from project planning through design and from coding through testing and deployment. Agile consultant Will Stott and Microsoft development lead James Newkirk carefully integrate theory and practice, offering hands-on exercises, practical insights into core Extreme Programming (XP) techniques, and much more. Coverage includes Using VSTS to support the transition to Agile values and techniques Forming Agile teams and building effective process frameworks Leveraging Team Foundation Version Control to help teams manage change and share their code effectively Implementing incremental builds and integration with Team Foundation Build Making the most of VSTS tools for Test-Driven Development and refactoring Bringing agility into software modeling and using patterns to model solutions more effectively Using the FIT integrated testing framework to make sure customers are getting what they need Estimating, prioritizing, and planning Agile projects