

## Chapter 1 : Microsoft Technology Associate (MTA) Certification | Microsoft Learning

*SQL Server DBA Street Smarts: A Real World Guide to SQL Server Certification Skills by Joseph L. Jordan* Most current software-related development books are lengthy and almost burdensome.

Solution In this tip, we will provide links to articles, books and other training material to help you pass the exam. What is the certification exam? What is the price for the exam? It depends on the country. In Asia, it depends on the country. What books can I read to pass the exam? This book is a good way to start, but reading the book several times is not enough to pass the certification. However, if you read all the book references, it will help a lot. It covers most of the topics in detail and in some cases it goes further. This book is not oriented to pass the exam, but it has really nice topics. You cannot pass the exam with this book. It is a nice book to introduce yourself to SQL Server and it has nice examples for daily administration tasks. It complements the other books. It is a complementary book. I recommend it if you do not feel secure with the other books and want to read a little more. The questions are not as complex as the real exam, but it is a good way to start practicing for the exam. Here is a site with free books not oriented to the exam directly, but if you read them all you will be overqualified in several topics for the exam: Other SQL Server books. Are there some practice exams? Yes, there are several companies that offer practice exams. Mindhub, a division of Pearson is the official practice exam. Boson offers nice practice exams and labs. It has two exams; one of them has questions and another with questions. The practice labs are nice because you have access to remote machines for practice. Transcender is another good choice. It includes exam questions and practice exams. It includes questions. MeasureUp is another option. It contains questions. Selftest is another company. It includes 50 questions. Can I access virtual labs to practice for the exam? It is complicated to setup an environment especially if you are new. Microsoft offers Virtual Labs for free to practice and to checkout features. However, you can ignore the steps on the labs and do whatever you want on the labs in order to study for your exam. The environments are ready to use: Microsoft Virtual Labs Which forums are recommended to ask questions? The forums will not only help you to ask questions about the certification exam, but also with real life questions to get familiar with the SQL Server Administration world. The main advantage is that it has forums in multiple languages. SQLTeam is another alternative to ask questions. Which courses do you recommend for this certification? Another popular course is on PluralSight which has 3 parts of 14 hours in total. Microsoft Virtual Academy includes a nice course which is free. The assessment is not similar to the Microsoft exam. Udemy is offering this course at a very cheap price. Which videos do you recommend for this certification? Channel 9 is an invaluable resource for new features in SQL It includes great conferences with Microsoft experts. Veam offers some basic videos about SQL Server. DBTNuggets offers 22 videos with a total of 13 hours. Are there some recommended white papers? Here are some great whitepapers that will help.

### Chapter 2 : SQL Server Training Courses - Microsoft Virtual Academy

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Which exam should I take before this one? If you want to get a Microsoft certification, we recommend taking this exam first. Is this exam difficult? If you have experience using T-SQL, it should not be very difficult. What is the score to pass? Is this exam similar to the SQL Server exam? Some topics are modified, some are in a different order and some were removed. One topic that may require extra effort is the JSON topic. This is a new SQL Server feature that is included in the exam. Another new feature is temporal tables. Please pay attention to these two topics. Which books do you recommend for this exam? Unfortunately, there is no Microsoft Training Kit book for this exam yet. However, these books will help you pass the exam: They are excellent books. This book covers most of the topics. It does not cover most of the topics, but it is a good book if you do not have any experience in T-SQL and you find the other books difficult. The Solid Basics is another book for beginners. It covers more topics than the beginner SQL Programming book mentioned before. It is a complete book with a different style. It covers many of the topics. Do you recommend videos for this exam? Yes, these books may be useful:

*Training for Microsoft SQL Server certifications Get certified, and show the world that you're ready to take advantage of the breakthrough performance of Microsoft SQL Server to deliver faster data insights that drive business transformation.*

Once again, datapine has books for you to add. We have already given you our top 12 data visualization books , top 8 business intelligence books and top 10 data analytics books. We are back at it with our top 9 SQL books. Structured Query Language SQL is the most popular language used to create, access, manipulate, query and manage databases. Whether you are a programmer, data analyst or a business intelligence end user, SQL is an invaluable skill for anyone who deals with data. Business Intelligence software , such as datapine, offer intuitive drag and drop interfaces, allowing for data querying without any SQL knowledge. Get our SQL book checklist for free! Download our complete list of the most popular SQL Books for free. We have pulled together a list of our top SQL books. This list contains SQL books for beginners and more advanced users. Ben Forta is an expert trainer and popular author. This book fills that need. Each lesson takes only 10 minutes or less to complete. Make sure you have a handle on the basics and check out this book. With its real-world style writing, this introductory guide will get you up and running with SQL quickly. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate and retrieve data Create database objects, such as tables, indexes and constraints, using SQL schema statements Learn how data sets interact with queries and understand the importance of subqueries Whether you need to write database applications, perform administrative tasks or generate reports, this book will help you easily master all the SQL fundamentals. The Ultimate Beginners Guide: The SQL concepts are laid out in simple, concise language. Tale has also provided great examples and sample tables to further augment the concepts and instructions. This book will serve as an essential guide for you, as a SQL beginner. In addition, the concepts of SQL are laid out in a simple, concise language and instructions to help you learn the steps properly. Through multiple step-by-step examples, the authors take readers from knowing absolutely nothing about SQL to being able to quickly retrieve and analyze data from multiple tables. This SQL book takes a fun approach to showing the fundamentals of SQL and how to really take advantage of the language. Whether you are brushing up on the basics or starting from scratch, this book is worth checking out. Viescas and Michael J. Hernandez wrote one of clearest and simplest tutorials on writing effective SQL queries. This hands-on classic guides readers through creating reliable queries for virtually any modern SQL-based database. The authors demystify all aspects of SQL query writing from simple data selection and filtering to joining multiple tables and modifying sets of data. Advanced SQL books The six books listed above are great for beginners. They focus on the fundamentals and will get any reader off to a great SQL start. If you already have the basics down, there are several great books out there to take your SQL to the next step. If you are at this point, it is important to look into literature that fits your specific relational database management system RDMS. Three out of the four following books are not RDMS-specific. The book does a great job of covering the basics. However, it also goes far beyond that. The book is great for various end users, analysts, data scientists and app developers. Readers will find general concepts, practical answers and clear explanations of what the various SQL statements can do. The all-encompassing nature of this book makes it a must for a data bookshelf. This book provides a complete collection of modeling techniques, beginning with fundamentals and gradually progressing through increasingly complex real-world case studies. It is a must-read for understanding data warehouse design. However, your SQL education can go way past their pages. There are numerous great SQL resources out there. For example take a look at these great podcasts. If this makes your development team nervous, ask for a local copy of the database so you can play around without impacting the actual database. Getting your hands on real data that you can relate to is the best way to learn. BI Tools, such as datapine , provide easy drag and drop interfaces that perform the SQL queries for you.

### Chapter 4 : SQL Server Exam study material for Querying Data with Transact-SQL

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