

MTA Database Administrator Fundamentals

The MTA Database Administrator Fundamentals course is a great starting point from which to build your IT career.

It's a flexible, online IT training course which is broken down into four sessions, all designed to help you learn and increase your knowledge on relational databases, queries and database security to name just a few topics. Included within the course is a pre-test and post-test which can help to identify any skills gap you may have and from there can ensure that you focus on the areas needed to achieve the course objective.

Once you've achieved your MTA Database Administrator Fundamentals certification, you'll be ideally placed to go on to study for your MCTS, Microsoft Certified Technology Specialist.

Speak to a Course Advisor today to find out more about our flexible, online IT training course range.

Designed for

This is an entry-level course is for anyone looking for career in IT and will help you prepare for the Microsoft exam, 98-364. On successful completion of this course, you will be ideally placed to become a Junior Database Administrator or Database Administrator.

Aims and Objectives

This course is designed to arm you with all the knowledge and skills necessary to prepare for the Microsoft Exam, 98-364.

Prerequisites

This is a beginner level course so there are no specific prerequisites required before you commence your training.

Course Content

There are a total of 4 sessions:

Session 1:

- Section A: Database Tables
- Section B: Database Relationships
- Section C: Understanding DML
- Section D: Database Data Types
- Section E: Creating and Manipulating Tables
- Section F: Selecting Data
- Section G: Filtering Data using Comparison

Session 2:

- Section A: Filtering Data using Lists and Ranges
- Section B: Filtering Data using Pattern Matching
- Section C: Filtering Data with NULLs

- Section D: Selecting Data using Functions
- Section E: Sorting Data
- Section F: Working with Duplicates
- Section G: Joining Data
- Section H: OUTER and CROSS JOINS
- Section I: Combining and Limiting Result Sets

Session 3:

- Section A: Adding Data
- Section B: Updating and Deleting Data
- Section C: Working with Views
- Section D: Stored Procedures and Functions
- Section E: Data Normalisation
- Section F: First Normal Form
- Section G: Second and Third Normal Forms
- Section H: Fourth and Fifth Normal Forms

Session 4:

- Section A: Primary, Foreign and Composite Keys
- Section B: Clustered Indexes
- Section C: Non-Clustered Indexes
- Section D: Database Security Concepts
- Section E: Database Backup and Restore
- Section F: Incremental Backups

Benefits

- The flexibility and value of a self-study course designed to enable you to work at your own pace
- The opportunity to gain the widely recognised Pitman Training Certificate
- The opportunity to gain certification which is recognised by industry computing manufacturers and organisations
- Understand the basic concepts of the Internet, intranet, and extranet
- Understand the difference between switches and routers and how they are configured
- Introduction to the OSI 7-layer networking model, IPv4 and IPv6

Course duration: 10 hours

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Make sure this course is right for you - have a friendly chat with a Course Adviser, arrange to drop in to have a FREE taster or book a place...

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