

Developing a Multidimensional Data Model

Modality: On Demand

Duration: 18 Hours

About this course:

If you have huge volumes of information and you have to convey interactive, intuitive, and superior access to it, don't leave this course!

Regardless of whether you're knowledgeable about past versions or new to SQL Server 2016 Analysis Services, join us for a glance at this dominant innovation.

Figure out how to plan dimensions that empower you to peruse information with the hierarchy enrollments. At that point investigate approaches to build these dimensions in order to break down measures in cubes.

You'll get information on the most proficient method to upgrade your cubes with the logic of business; scoped assignments, named sets, creating determined members, and key performance indicators (KPIs) with MDX—the language of multidimensional models.

Compare multidimensional and tabular Analysis Services models, so you can determine which is better for your work. Besides, find out how to optimize and oversee multidimensional databases as you discover processing, security, storage, and deployment. Watch instructor exhibitions, and afterward focus in to apply the exercises yourself with test information in thorough, hands-on works out.

Before the finish of the course, you'll have developed, designed, and deployed a multidimensional model, prepared to convey elite business client experiences. Enroll today for this practical course of SQL Server 2016 Analysis Services.

Course Objective:

- Step by step instructions to create multidimensional models
- Handling and optimizing multidimensional databases
- Developing cubes and measurements
- Connecting to source information
- Enhancing cubes with the logic of business
- Comparing multidimensional and tabular models

Audience:

Database Analyst

Prerequisite:

- Recognition with database ideas and fundamental SQL query syntax.
- Awareness of reporting and investigation needs of clients.
- A willingness to adapt effectively and drive forward.

Course Outline:

Module 1 | Introduction to Analysis Services

- Introducing Analysis Services
- Developing Multidimensional Models
- Connecting to Source Data
- Lab 1
- Resources
- Module Assessment

Module 2 | Designing Multidimensional Models

- Developing Dimensions
- Developing Cubes
- Enhancing Cubes with Business Logic
- Lab 2
- Resources
- Module Assessment

Module 3 | Managing Multidimensional Models

- Managing Multidimensional Databases
- Resources
- Lab 3
- Module Assessment

Module 4 | Making Architectural Decisions

- Comparing Tabular and Multidimensional Models
- Putting It All Together
- Lab 4
- Resources
- Module Assessment

Module 5 | Final_Exam

- Final Exam?