



SQL Server Analysis Services Essentials

This one-day instructor-led course teaches participants how to develop, deploy and implement analytical models using SQL Server Analysis Services.

The course provides a practical approach to solving real-world analytical scenarios and teaches participants how to use the Analysis Services development tools to create an Analysis Services database to host On-Line Analytical Processing (OLAP) cube or Tabular model, and how to manage an Analysis Services solution.

Who Should Attend:

This course is designed for IT professionals who are already working with SQL Server and looking to expand their knowledge to design, develop and implement Business Intelligence solutions using SQL Server Analysis Services.

Course Prerequisites:

Before attending this course, participants should have:

- Previous exposure working with SQL Server
- A basic understanding of dimensional design

Course Objectives:

After completing this course, participants be able to:

- Create Multidimensional Databases
- Work with Cubes and Dimensions
- Work with Measures and Measure Groups
- Optionally – Implement an Analysis Services Tabular Data Model

Course Code: SSASE
Course Duration: 1 Day

Course Summary

Module 1: Creating Multidimensional Databases

Module 2: Working with Cubes and Dimensions

Module 3: Working with Measures and Measure Groups

Module 4: Implementing an Analysis Services Tabular Data Model - Optional

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Call 1300 927 394 to register for this course today as places are strictly limited.



Course Outline

Module 1: Creating Multidimensional Databases

This module provides an introduction to multidimensional databases and introduces the core components of an Online Analytical Processing (OLAP) cube.

Lessons

- Introduction to Multidimensional Analysis
- Creating Data Sources and Data Source Views
- Creating a Cube
- Overview of Cube Security

Lab

- Creating a Multidimensional Database

Module 2: Working with Cubes and Dimensions

This module describes how to create and configure dimensions and dimension hierarchies in an Analysis Services multidimensional data model

Lessons

- Configuring Dimensions
- Defining Attribute Hierarchies
- Sorting and Grouping Attributes

Lab

- Defining Dimensions

Module 3: Working with Measures and Measure Groups

This module describes measures and measure groups. It also explains how you can use them to define fact tables and associate dimensions with measures.

Lessons

- Working with Measures
- Working with Measure Groups

Lab

- Configuring Measures and Measure Groups

Module 4: Implementing an Analysis Services Tabular Data Model - Optional

This module describes Analysis Services tabular data models and explains how to develop a tabular data model using SQL Server Data Tools.

Lessons

- Introduction to Analysis Services Tabular Data Models
- Creating a Tabular Data Model
- Using an Analysis Services Tabular Data Model in an Enterprise BI Solution

Lab

- Implementing an Analysis Services Tabular Data Model