

55163: Preparing Your Data for Power BI®

Duration: 2 Days

Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

This course is designed to introduce participants to the SQL Business Intelligence Semantic Model (BISM) Tabular model, data modelling, and DAX.

Target Audience

This course is intended for:

- Business Analysts,
- Business Intelligence Developers,
- SQL Professionals.

Prerequisites

To attend this course, candidates must have:

- Working knowledge of SQL Server®.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Understand Analysis Services Installation and Architecture: One Product, Two Models.
- Understand version changes: SQL Server Analysis Services.
- Understand important terms.
- Utilize SQL Server Data Tools for Tabular.
- Understand and utilize projects, importing and loading data.
- Understand and utilize examining views, deployment, data sources and data credentials.
- Understand and utilize SQL as a source, Excel as a source, Flat Files as a source, Azure as a source and SharePoint as a source.
- Understand and utilize sorting during load.
- Understand Direct Query, evaluation contexts and querying with MDX.
- Understand and utilize DAX syntax, data types, operators, values, and operator overloading.



Course Objectives *Continued*

- Understand and utilize measures and calculated columns.
- Understand and utilize date calculations and importing related tables.
- Understand and utilize creating relationships and hierarchies.
- Understand drill through and perspectives.
- Understand and utilize KPIs, PowerPivot, Pivot Tables and Power View.

Course Topics

Module 1: Course Overview

- Introduction
- Course Materials
- Facilities
- Prerequisites
- What We'll Be Discussing

Module 2: What is the Tabular Model?

- Analysis Services Installation and Architecture: One Product, Two Models
- Version Changes: SQL Server Analysis Services
- Important Terms
- SQL Server Data Tools for Tabular

LABS INCLUDED

