babbage simmel

Implementing Data Models and Reports with Microsoft SQL Server 2012
M-10778
Length: 5 days
Price: $2,795.00

Course Description

This 5day instructorled course describes how to empower information workers through selfservice analytics and reporting Students will learn how to implement PowerPivot and tabular data models create and deliver rich data visualizations with Project Crescent and SQL Server Reporting Services and discover business insights by using data mining This course helps people prepare for exam 70466

Course Audience

The primary audience for this course are database professionals who need to fulfil BI Developer role to create analysis and reporting solutions Primary responsibilities will include

Implement reporting solutions by using SQL Server Reporting Services
Implementing multidimensional databases by using SQL Server Analysis Services
Creating tabular semantic data models for analysis by using SQL Server Analysis Services
Create visualizations of data by using Crescent
Create data mining solutions by using SQL Server Analysis Services

Course Outline

Module 1 Overview of Reporting and Data Modeling
Module Goal Describe the components architecture and nature of a BI solution

Module 2 Implementing Reports with Reporting Services
Module Goal Create reports with Reporting Services

Module 3 Supporting SelfService Reporting
Module Goal Create reusable report items that simplify selfservice reporting

Module 4 Managing a Reporting Infrastructure
Module Goal Manage a reporting infrastructure

Module 5 Creating Multidimensional Databases
Module Goal Create a multidimensional database with Analysis Services

Module 6 Working with Cubes and Dimensions
Module Goal Implement dimensions in a cube

Module 7 Working with Measures and Measure Groups
Module Goal Implement measures and measure groups in a cube

Module 8 Introduction to MDX
Module Goal Use MDX Syntax

Module 9 Customizing Cube Functionality
Module Goal Customize a cube

Module 10 Implementing a PowerPivot for Excel Workbook
Module Goal Implement a Tabular Data Model in PowerPivot

Module 11 Introduction to Data Analysis Expression DAX
Module Goal Use DAX to create measures and calculated columns in a tabular data model

Module 12 Implementing a Tabular Database
Module Goal Implement a Tabular Database

Module 13 Creating Data Visualizations With Crescent
Module Goal Use Crescent to create interactive data visualizations

Module 14 Performing Predictive Analysis with Data Mining
Module Goal Use Data Mining for Predictive Analysis