5 Days | 55063A: Advanced Sharepoint 2013 Business Intelligence

Advanced SharePoint 2013 Business Intelligence training is a five-day course that teaches how to use SharePoint as your platform for Business Intelligence. This course will explore the SharePoint Business Intelligence Center, Reporting Services, Excel Services, Analysis Service, Performance Point and PowerPivot to implement your BI Strategies. This course will also give you an overview of Big Data topics such as Hadoop, HDInsight, and StreamInsight. This course also includes the Power features like:

- PowerView,

- Power Query,

- PowerMap and

- PowerBI

Course Details

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Course Outline

Module 1: Overview

A simple introduction module. After completing this module, candidates will be able to:

- Understand your course, classroom, classmates, facility, and instructor.

Module 2: Business Intelligence

This module gives an overview of Business Intelligence (BI) is and the typical goals of BI. We also explore how Microsoft BI tools are enabling more advanced Business Intelligence features to filter down/up to the decision makers and Information Workers in general.

Lessons

- Why Business Intelligence?

Module 3: Business Intelligence Center

This module explores the Business Intelligence Center site definition that comes with SharePoint.

Lessons

- Business Intelligence Center

Module 4: Data Mart & Data Warehouses and Master Data Services

This module explains what data is and some of the many forms that it takes. We then explore and define the terms Data Warehouse and Data Mart.

Lessons

- Understanding Data and Data Formats
- Building Data Marts & Data Warehouses
- Master Data Services

Module 5: Business Connectivity Services and Secure Store

This module explains the SharePoint Business Connectivity Services and the SharePoint Secure Store service and how they can help surface external data into SharePoint sites.

Lessons

- Business Connectivity Services
- Secure Store

Module 6: Analysis Services, HDInsight and StreamInsight

This module explains the feature of SQL Server called Analysis Services (SSAS). When regular SQL queries can't handle your data, MDX queries in SSAS can.

Lessons

- Analysis Services
- HDInsight & Hadoop
- Stream Insight

Module 7: Filter Web Parts

This module explains Filter Web Parts and the important role they play in building Business Intelligence portals.

Lessons

- Filter Web Parts

Module 8: Excel, Excel Services and Excel Web App

This module describes and works with the various features of SharePoint's Excel Services.

Lessons

- Excel Services

Module 9: PowerPivot, Tabular Data Sources

This module explains the PowerPivot tools of SQL Server and Excel and how they integrate with SharePoint.

Lessons

- PowerPivot for Excel
- PowerPivot for SharePoint

Module 10: Reporting Services

In this module, we will explore Reporting Services, its integration with SharePoint and how to build Reporting Services reports.

Lessons

- Reporting Services
- Reports

Module 11: Power View, Power Query and Power BI

This module explains the new Microsoft BI Stack components including PowerView, PowerQuery and PowerBI.

Lessons

- Power View
- Power Query
- Power BI

Module 12: Performance Point

This module explains Performance Point and how it supercharges your BI Dashboards and Key Performance Indicators.

Lessons

- Performance Point

Module 13: Visio & Access Services

This module explains Visio and Access Services.

Lessons

- Visio Services
- Access Services

Module 14: GeoSpatial Data, GeoLocation and Power Map

This module explains how to store GeoSpatial data in SQL Server, how to use the new GeoLocation column, the new Power Map add-in for Excel and use the .NET Charts feature from 2010.

Lessons

- GeoSpatial Data

- GeoLocation, Bing Maps, and Charts

- Power Map

Who Should Attend

This course is intended for:

- Sr. Business Intelligence Architects,

- Consultants,

- Sr. Business Analysts, or

- anyone responsible for implementing BI with SharePoint.

Pre Requisite

Before attending this course, candidates must have:

- Understanding of SharePoint 2013 User Interface, database reporting concepts and familiarity with Data Marts and Data Warehouses.

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