SONDA. TRAINING

MS20778C: Analyzing Data with Power BI

Silver
Microsoft Partner
Cloud Platform

Microsoft

24 HORAS

INTRODUCTION
This three-day instructor-led course provides students with the knowledge and skills to analyze data with Power BI.

AUDIENCE
The primary audience for this course is BI professionals who need to analyze data utilizing Power BI. The secondary audiences for this course are technically proficient business users.

AT COURSE COMPLETION
After completing this course, students will be able to:
- Describe self-service BI.
- Describe the Power BI suite of products.
- Connect to data sources and optimize data models.
- Shape and combine data from different sources.
- Model data.
- Create reports and manage solutions.
- Describe the Power BI developer API.
- Describe the Power BI mobile app.

PREREQUISITES
This course requires that you meet the following prerequisites:
- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Basic knowledge of data warehouse schema topology (including star and snowflake schemas).
- Some exposure to basic programming concepts (such as looping and branching).
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.
- Familiarity with Microsoft Office applications – particularly Excel.

COURSE OUTLINE

Module 1: Introduction to Self-Service BI Solutions
- Introduction to Business Intelligence
- Introduction to Data Analysis
- Introduction to Data Visualization
- Overview of Self-Service BI
- Considerations for Self-Service BI
- Microsoft Tools for Self-Service BI

Module 2: Introducing Power BI
- Power BI
- The Power BI Service

Module 3: Power BI Data
- Using Excel as a Data Source for Power BI
- The Power BI Data Model
- Using Databases as a Data Source for Power BI
- The Power BI Service

Module 4: Shaping and Combining Data
- Power BI Desktop Queries
- Shaping Data
- Combining Data

Module 5: Modeling Data
- Relationships
- DAX queries
- Calculations and Measures

Module 6: Interactive Data Visualizations
- Creating Power BI Reports
- Managing a Power BI Solution

Module 7: Direct Connectivity
- Cloud Data
- Connecting to Analysis Services

Module 8: The Developer API
- The Developer API
- Custom Visuals

Module 9: Power BI Mobile
- Power BI Mobile Apps
- Using the Power BI Mobile App
- Power BI Embedded