7124

In-Class

32 hours

Course Description:
This course covers the various methods and best practices that are in line with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will show how to access and process data from a range of data sources including both relational and non-relational sources. Finally, this course will also discuss how to manage and deploy reports and dashboards for sharing and content distribution

Target Audience:
The audience for this course is data professionals and business intelligence professionals who want to learn how to accurately perform data analysis using Power BI. This course is also targeted toward those individuals who develop reports that visualize data from the data platform technologies that exist both in the cloud and on-premises.

Course Objectives:
  When you complete this Power BI course, you will be able to accomplish the following:
  - Understand the fundamentals of Microsoft Data Analytics
  - Prepare data in Power BI
  - Clean, transform, and load data in Power BI
  - Design a data model in Power BI
  - Create measures using DAX in Power BI
  - Optimize model performance
  - Create reports
  - Create dashboards
  - Create paginated reports in Power BI
  - Perform advanced analytics
  - Create and manage workspaces
  - Manage datasets in PowerBI
  - Implement row-level security

Course Outline:

Module 1: Get Started with Microsoft Data Analytics

Module 2: Prepare Data in Power BI

Module 3: Clean, Transform, and Load Data in Power BI

Module 4: Design a Data Model in Power BI

Module 5: Create Measures using DAX in Power BI

Module 6: Optimize Model Performance

Module 7: Create Reports

Module 8: Create Dashboards

Module 9: Create Paginated Reports in Power BI

Module 10: Perform Advanced Analytics

Module 11: Create and Manage Workspaces

Module 12: Manage Datasets in Power BI

Module 13: Row-level security

Assessment and Attendance Strategy:
  - Participants will be evaluated based on their participation in class discussions and individual exercises.
  - Each Participant must achieve 80% attendance ofthe total in-class sessions.

Course Language:
  - Material: English
  - Instruction and Explanation: Bilingual (EN <>AR)

Prerequisites:
No prerequisite for this course