Analysing and Visualizing Data with Microsoft Power BI

Price - ₹4,800.00 INR* ($168 USD)

Skills measured

This exam measures your ability to accomplish the technical tasks listed below. The percentages indicate the relative weight of each major topic area on the exam. The higher the percentage, the more questions you are likely to see on that content area on the exam. View video tutorials about the variety of question types on Microsoft exams.

Exam Key Area

- Connect to data sources

May include: Connect to databases, files, folders; import from Excel; connect to SQL Azure, Big Data, SQL Server Analysis Services (SSAS)

- Perform transformations

May include: Design and implement basic and advanced transformations; apply business rules; change data format to support visualization

- Cleanse data

May include: Manage incomplete data; meet data quality requirements.

- Create and optimize data models

May include: Manage relationships; optimize models for reporting; manually type in data; use Power Query

- Create calculated columns, calculated tables, and measures

May include: Create DAX formulas for calculated columns, calculated tables, and measures; Use What If parameters

- Measure performance by using KPIs, gauges and cards.

May include: calculate the actual; calculate the target; calculate actual to target; configure values for gauges; use the format settings to manually set values.

- Create hierarchies

May include: Create date hierarchies; create hierarchies based on business needs; add columns to tables to support desired hierarchy

- Create and format interactive visualizations

May include: Select a visualization type; configure page layout and formatting; configure interactions between visual; configure duplicate pages; handle categories that have no data; configure default summarization and data category of columns; position, align, and sort visuals; enable and integrate R visuals; format measures; Use bookmarks and themes for reports

- Manage custom reporting solutions.

May include: Configure and access Microsoft Power BI Embedded; enable developers to create and edit reports through custom applications; enable developers to embed reports in applications; use the Power BI API to push data into a Power BI dataset; enable developers to create custom visuals

- Access on-premises data

May include: Connect to a data source by using a data gateway; publish reports to the Power BI service from Power BI Desktop; edit Power BI Service reports by using Power BI desktop

- Configure a dashboard

May include: Add text and images; filter dashboards; dashboard settings; customize the URL and title; enable natural language queries

- Publish and embed reports

May include: Publish to web; publish to Microsoft SharePoint; publish reports to a Power BI Report Server

- Configure security for dashboards, reports and apps

May include: Create a security group by using the Admin Portal; configure access to dashboards and app workspaces; configure the export and sharing setting of the tenant; configure Row-Level Security

- Configure apps and apps workspaces

May include: Create and configure an app workspace; publish an app; update a published app; package dashboards and reports as apps

Preparation options

- Instructor Led
- Online Training
- Books

Who should take this exam?

Candidates for this exam should have a good understanding of how to use Power BI to perform data analysis. Candidates should be proficient in connecting to data sources and performing data transformations, modeling and visualizing data by using Microsoft Power BI Desktop, and configuring dashboards by using the Power BI service. Candidates should also be proficient in implementing direct connectivity to Microsoft SQL Azure and SQL Server Analysis Services (SSAS), and implementing data analysis in Microsoft Excel. Candidates may include BI professionals, data analysts, and other roles responsible for creating reports by using Power BI.