

DataQuest Solutions

Data Visualization with Power Bi

Lesson 1. Introduction to Power Bi

- Power BI Overview and Interface
- Data importation
- Understanding data sources and Connections

Lesson 2. Power BI Data Modelling

- Data Transformation with Power Query
- Creating relationships between data tables
- Managing data types and structures

Lesson 3. Creating Visualizations in Power BI

- Creating Basic Charts (Bars, Line, Pie)
- Advanced Visualizations (KPI, Scatter plot, Matrix)
- Custom Visuals in Power BI

Lesson 4. Power BI Dashboards

- Building Interactive Dashboards
- Using Slicers, Filters and Drill-Downs
- Publishing and Sharing Dashboards

Data Visualization with Tableau

Lesson 1. Introduction to Tableau

- Tableau Interface and Interface
- Connecting to Data Sources in Tableau
- Data Preparation and Transformation

Lesson 2. Creating Visualizations in Tableau

- Basic Chart types (Bar, Line, Pie)
- Advanced Visualizations (Maps, Heatmaps, Gantt)
- Custom Calculations in Tableau

Lesson 3. Tableau Dashboards

- Building Interactive Dashboards
- Implementing Filters and Actions
- Publishing and Sharing Dashboards