



Power BI Boot Camp Prerequisites and Curriculum

Power BI Training Topics

Prerequisites

IMPORTANT NOTE: All students are required to use a **PC laptop or a Macbook with a parallel system** during the training.

No prior knowledge of Power BI is required. Students will be provided prerequisite self-paced videos prior to the start of the boot camp.

Data Visualization

- ▶ Data source connections
- ▶ Data import
- ▶ Chart selections
- ▶ Filtering and sorting data
- ▶ Formatting (Colors, themes, branding, fonts, logos)
- ▶ Groupings
- ▶ Manual entry table
- ▶ Dynamic dashboards
- ▶ Web Services upload (upload dashboards to web browsers)
- ▶ Aggregations
- ▶ Data types

Data Sourcing and Modeling

- ▶ Data refresh and data source connection from Excel and SQL
 - ▶ Data streamline from Excel and SQL
- ▶ Relationships
- ▶ Cardinality
- ▶ DAX measures vs. columns
- ▶ Intermediate formulas
 - ▶ Calculate
 - ▶ Filter
 - ▶ Aggregates (SUM, COUNT, AVG, etc.)
- ▶ Data transformation via Power Query