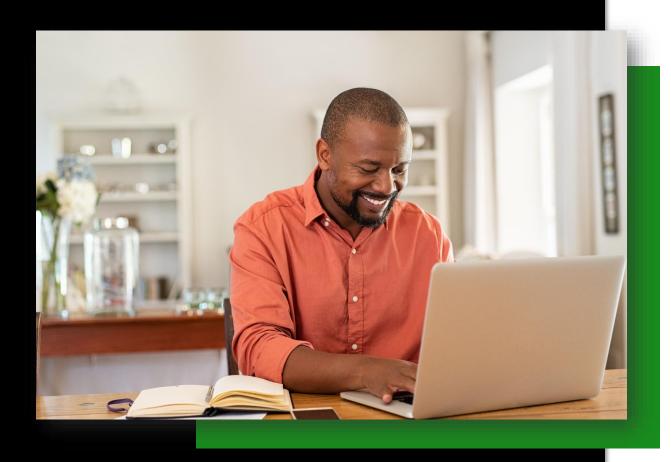


Power BI Boot Camp: Prerequisites and Curriculum





Prerequisites

Windows Operating System or Macbook Parallel System

Office 365



Part 1: Foundations of Power BI & Excel Integration

Build a strong foundation in Power BI Desktop and Web Services while leveraging Excel as a data source and building compelling visuals

Introduction to Power BI & Ecosystem (Desktop, Service, Mobile)
During this portion of the course, we will provide you with an eXcelerate issued email address to use for the duration of the boot camp in order to utilize Power BI Web Services.
Data source connections
Data import via Power Query
Chart selections
Filtering and sorting data
Formatting (Colors, themes, branding, fonts, logos)
Dynamic dashboards
Aggregations
Data types
Bookmarks



Part 2: Data Modeling and Refreshing

Learn how to create relationships amongst data from various Excel, CSV, and text files.

Overview of data modeling & relationships

During this portion of the course, we will review how to connect/relate data from various data sources.



Part 3: DAX & Creating a Portfolio in Power BI Web Services

Learn to write DAX (Data Analysis Expressions/Power BI logic) to calculate data and create online dashboards in Power BI Web Service.

DAX measures vs. columns
Intermediate formulas
Calculate
Filter
Aggregates (SUM, COUNT, AVG, MAXX, etc.)
TOPN (top/bottom performers)



Part 4: Final Project Delivery

Deliver a polished business-ready solution combining Excel and Power BI.

Each student will showcase their finalized automated Power BI dashboard in a 5 to 10 minute presentation.

