COURSE SYLLABUS

Power BI Certification (Self-Paced)

Master data analytics with hands-on training in Power BI, Excel, and SQL. You'll work on real-world projects to create dashboards, analyze data, and gain insights, preparing you for roles in business intelligence. No prior experience is required.

Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/power-bi-certification-self-paced



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Course Outline

This package includes these courses

- Power BI Bootcamp (Self-Paced) (12 Hours)
- Power BI Advanced Course (Self-Paced) (6 Hours)

Power BI Bootcamp (Self-Paced)

- Import and clean data from multiple sources, including Excel, CSV, and online databases, using Power Query
- Build interactive visualizations like charts, maps, cards, and slicers to analyze trends and patterns
- Use DAX (Data Analysis Expressions) to create measures, calculated columns, and custom aggregations
- Design professional reports with titles, logos, and advanced formatting options
- Manage relationships between tables to produce dynamic, filterable reports
- Share and collaborate on reports via Power BI Service, including exporting, commenting, and app integration
- Create dashboards and understand their differences from reports for business presentations
- Schedule data refreshes and manage reusable datasets to keep reports current and scalable

Power BI Advanced Course (Self-Paced)

This advanced Power BI course focuses on building more reliable data models using proper relationships, filter flow, fiscal and calendar date tables, Row-Level Security, and more.

- Build better data models by understanding relationships, cardinality, and cross-filter direction
- Design reliable data models and avoid common modeling mistakes
- Create and use hierarchies to organize and drill into data
- Control visual order with custom sort columns
- Create reusable date tables supporting fiscal and calendar years
- Add parameters to make reports interactive and flexible
- Implement Row-Level Security (RLS) with Static and Dynamic roles