COURSE SYLLABUS

Power BI Certification (Self-Paced)

Learn Power BI for data analysis & visualization and become a certified Power BI Data Analyst Associate in this hands-on certification course.

Group classes (Live Online) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/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 (Self-Paced) (6 Hours)

Power BI Bootcamp (Self-Paced)

Learn how to transform raw data into powerful, interactive dashboards with Power BI, a leading business intelligence tool used across industries. This hands-on bootcamp covers data connections, visual design, and publishing reports for real-world insights.

- Import and clean data from multiple sources, including Excel, CSV, and online databases using Power Query
- Create interactive visualizations such as charts, maps, cards, and slicers to explore trends and patterns
- Use DAX (Data Analysis Expressions) to build measures, calculated columns, and custom aggregations
- Design visually engaging reports by adding titles, logos, and formatting options for a professional finish
- Understand and manage relationships between tables to create dynamic, filterable reports
- Share and collaborate on reports via the Power BI Service, including exporting, commenting, and app integration
- Set up dashboards and explore differences between dashboards and reports for business presentation
- Schedule data refreshes and manage reusable datasets to keep reports up-to-date and scalable

Power BI Advanced (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