COURSE SYLLABUS

Power BI Masterclass (Self-Paced)

This course is a comprehensive program that takes you from a data novice to a confident BI professional. As students work through the curriculum, they learn how to connect to real-world data sources, clean and transform messy datasets, and build interactive dashboards that turn numbers into actionable insights.

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-masterclass-online



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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