COURSE SYLLABUS

Power BI Certification Course Online

Build skills in data analysis and visualization with Power BI and prepare to earn the Power BI Data Analyst Associate certification in this hands-on certification course.

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



admissions@vdci.edu • (619) 758-9300

Course Outline

This package includes these courses

- Power BI Course Online (12 Hours)
- Power BI Advanced Course Online (6 Hours)

Power BI Course Online

Learn to turn raw data into dynamic, interactive dashboards using Power BI, a widely used business intelligence platform. This hands-on course focuses on connecting to data sources, designing effective visuals, and publishing reports that deliver practical, real-world insights.

- Import and prepare data from sources such as Excel, CSV files, and online databases using Power Query
- Build interactive visuals, including charts, maps, cards, and slicers, to uncover trends and patterns
- Apply DAX (Data Analysis Expressions) to create measures, calculated columns, and custom summaries
- Create polished reports by adding titles, logos, and formatting for a professional presentation
- Manage relationships between tables to enable dynamic and responsive reporting
- Share and collaborate on reports through the Power BI Service with options for exporting, commenting, and app connections
- Create dashboards and understand how dashboards differ from reports when presenting to stakeholders
- Schedule data refreshes and manage reusable datasets to keep reports current and scalable

Power BI Advanced Course Online

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