



Power BI

POWER BI CERTIFICATION COURSE

About Course

Embark on an immersive journey through our Power BI training program, designed to elevate your expertise in the Microsoft Power BI tool. Urbancode's comprehensive online classes covers Power BI architecture, Desktop, Service, Mobile Apps, visualizations, reports, and more. Gain insights of business intelligence through practical, real-world projects integrated into the course for an impactful learning experience.

Primary Aspect

- 40 hrs Instructor-Led Training & Project Work
- Flexible Schedule & Mentor Support
- Job Assistance
- Unlimited Access to Materials

Why choose this course?

- Microsoft Power BI has market share of 14.31% in (business-intelligence) bi market. Microsoft Power BI competes with 206 competitor tools in business-intelligence-bi category.
- Today the businesses across all sectors require deep-seated business insights. Power BI gives you the power to effortlessly handle diverse data sources and transform them into personalized reports, graphs, or visual representations tailored to your preferences.

Who should choose this course?

- Students aspiring to become Data Analyst, Business Analyst, Business Development Manager
- IT personnel involved in data management, database administration, or software solutions can expand their skill set with Power BI.
- Entrepreneurs/Small Business Owners seeking to understand their business data and make strategic decisions can benefit from the course.

Course Curriculum

Module 1: Data warehouse Concepts

- Introduction about DWC (Data warehousing Concepts)
- Dimensions, Measures, Keys
- Types of Dimensions
- Types of Keys
- Identifying Keys
- Types of Joins
- How to identify Fact and dimension tables
- Schema introduction
- Types of schemas
- Task

Module 2: Business Intelligence

- Introduction about Business Intelligence
- Evolution of BI
- Categories of BI
- BI tools Comparisons
- OLAP and OLTP concepts

Module 3: POWER BI

- Power BI Introduction
- Components of Power BI
- Features of Power BI
- Architecture of Power BI

Module 4: Data connectivity

- Importing data to Power BI
- Types of connectivity
- Creating relationships
- Manage relationships
- Cardinality
- Cross filter direction
- Task

Module 5: Power Query Editor

- Power Query Editor Introduction
- Manage Columns
- Reduce rows
- Data transformation techniques
- Manage Queries
- Table and column conversions
- Split and formatting columns
- Data Conversions
- Creating manual column and tables
- Conditional and custom functions
- Options in View menu
- Sorting and filtering data
- Task

Module 6: DAX

- DAX Introduction
- Calculated Measure, Calculated Column, Quick Measure and Calculated tables using DAX Functions
- Time Intelligence Functions
- Aggregation Functions
- Logical Functions
- Filter Functions
- Text Functions
- Table manipulation Functions
- Bin and Grouping
- Task

Filter

- Filter Introduction
- Types of Filters
- Dimension Filter
- Measure Filter
- Date Filter
- Drill through Filter
- Top and Bottom filter
- Basic Filter
- Task

Course Curriculum

Module 7: Insert Menu

- Visuals
- AI Visuals
- Elements
- Adding buttons
- Task

Module 8: View menu

- Themes and Customization
- Page formatting options
- Layouts
- Page options in Power BI
- Using Panes for Bookmark and selections
- Performance Analysis
- Sync Slicer
- Report Optimisation
- Apply All Slicers
- Task

Format and Data Drill

- Edit Interactions
- Arrange Charts
- Table view
- Task

Module 9: Charts

- Stacked and Column Charts
- Trend Charts
- Table and Matrix
- Cards and Gauge
- Slicer
- Play Axis of Scatter chart
- Funnel and geographical maps
- Market Place
- Task

Module 10: Modelling

- Parameter Introduction
- What If for Projection

Course Curriculum

- Parameter for measure selection
- RLS
- Q&A
- Task

Module 11: Power BI Services

- Report Deployment
- Manage Security
- Manage Permissions
- Gateway and Types
- Installation of Gateways
- Automate reports
- Report share
- Subscribe
- Quick Insights
- Various refresh options
- Layout change
- Dashboard
- Configure Dashboard
- Report editing in Power BI services
- Various Export options
- Content packs
- Task