

Power BI Curriculum

Total Hrs: 24

Module 1: Introduction to Power BI

- Overview of Business Intelligence
- Getting Started with Power BI
- Installing Power BI Desktop
- Navigating the Power BI Interface
- Creating Your First Power BI Report

Module 2: Data Sources and Transformation

- Connecting to Different Data Sources
- Using Power Query to Transform Data
- Data Cleaning Techniques
- Merging and Appending Queries

Module 3: Data Modeling

- Understanding Data Models
- Creating Relationships
- Using DAX (Data Analysis Expressions)
- Calculated Columns and Measures

Module 4: Visualizations

- Creating Basic Visuals
- Advanced Visualization Techniques
- Interactive Dashboards
- Custom Visuals and Marketplace

Module 5: Sharing and Collaboration

- Publishing to Power BI Service
- Creating and Sharing Dashboards
- Collaborating with Colleagues
- Mobile Power BI

Module 6: Advanced Features

- Using AI in Power BI
- Power BI with R and Python
- Power BI Embedded
- Optimizing Performance

Module 7: Real-World Projects

- Case Studies
- Project Work