

SmartPro Learning Solutions

Microsoft Power BI Curriculum

| S.No | Topics | Sub Modules | Duration |
|------|--|---|---------------|
| 1 | Introduction to Power BI | Microsoft Fabric, Power BI Architecture, BI Life Cycle, Why Power BI? Installation Process, Different Power BI Applications | 2 Hrs |
| 2 | Introduction to Power BI Power Query | Power Query, Data Types, Data Transformation, Preview, Add Column & Query Performance | 2 Hrs |
| 3 | Introduction to Data Modeling | Cardinality Types, Active & Inactive Relationships, Cross Filter, Hierarchy, Groups | 2 Hrs |
| 4 | Introduction to DAX Part 1 | Measure, Table, Column & Parameters, RLS | 3 Hrs |
| 5 | Introduction to DAX Part 2 | DAX Functions | 3 Hrs |
| 6 | Introduction to DAX Part 3 | DAX Functions | 2 Hrs |
| 7 | Introduction to DAX Part 4 | DAX Studio | 2 Hrs |
| 8 | Introduction to Visualization (Part 1) | Introduction to Visualization | 2 Hrs |
| 9 | Introduction to Visualization (Part 2) | AI Visualization & Market Place | 2 Hrs |
| 10 | Introduction to Visualization (Part 3) | UI, UX, Formatting Layouts, Themes, Eye Patterns, Reports vs Dashboards | 3 Hrs |
| 11 | Introduction to Power BI Service | Workspace, Upload & Manage Schedule Refresh, RLS, Role Management, Power BI Apps | 5 Hrs |
| 12 | Power BI Reports vs Dashboards | Creating Dashboards using Reports | 2 Hrs |
| 13 | Power BI Fabric & Git | | |
| | | Total Duration | 30 Hrs |