

## Power BI Course Catalog – 90 Days

Day	Module	Topics Covered
1-3	<b>Introduction to Power BI</b>	Overview of Power BI, Power BI Desktop, Power BI Service, Power BI Mobile, Getting Started with Power BI
4-6	<b>Power BI Interface and Setup</b>	Power BI Ribbon, Queries and Views, Managing Data, Creating Reports and Dashboards
7-9	<b>Data Loading &amp; Transformation</b>	Importing Data from Various Sources (Excel, CSV, SQL Server, Web, etc.), Power Query Editor, Data Cleaning, Merging, and Transforming Data
10-12	<b>Data Modeling</b>	Creating Relationships, Data Types, Cardinality, Data Model View, Handling Many-to-Many Relationships
13-15	<b>Power BI Data Visualization Basics</b>	Creating Basic Visualizations (Tables, Columns, Line Charts), Visual Formatting, Sorting, Filtering
16-18	<b>Advanced Data Visualizations</b>	Bar Charts, Pie Charts, Scatter Plots, Tree Maps, Donut Charts, Waterfall Charts, Combo Charts
19-21	<b>Interactive Reports &amp; Dashboards</b>	Creating Interactive Reports, Slicers, Drill-through, Drill-down, Bookmarks, Buttons, Tooltips
22-24	<b>Power BI DAX (Data Analysis Expressions)</b>	Introduction to DAX, Measures, Calculated Columns, Filters in DAX, Basic DAX Functions (SUM, AVERAGE, COUNT)
25-27	<b>Advanced DAX Functions</b>	Logical Functions (IF, SWITCH), Date and Time Functions, Aggregation Functions, Relationship Functions
28-30	<b>Time Intelligence in DAX</b>	Calculating Year-to-Date, Month-to-Date, Week-to-Date, Moving Averages, Period Over Period Growth
31-33	<b>Power Query Editor - Advanced Features</b>	Advanced Transformations, Custom Columns, Grouping, Conditional Columns, Pivot and Unpivot Data
34-36	<b>Data Aggregation and Grouping</b>	Grouping Data, Summarizing Data, Aggregation Functions in Power BI, Using GROUPBY, SUMMARIZE, and RELATED Functions
37-39	<b>Power BI Filters and Slicers</b>	Using Slicers for Filtering Data, Hierarchical Filters, Report Filters, Page Filters, Visual Filters
40-42	<b>Power BI Formatting &amp; Customization</b>	Themes, Custom Visuals, Font Customization, Conditional Formatting, Custom Visuals Marketplace
43-45	<b>Power BI and Power Apps Integration</b>	Introduction to Power Apps, Integrating Power Apps with Power BI, Embedding Power BI Reports in Power Apps
46-48	<b>Power BI and Power Automate Integration</b>	Introduction to Power Automate, Using Power Automate with Power BI, Creating Automated Workflows
49-51	<b>Publishing &amp; Sharing Reports</b>	Publishing Reports to Power BI Service, Sharing Dashboards, Workspace Collaboration, Access Control, Data Security
52-54	<b>Power BI Service Features</b>	Data Refresh, Scheduled Refresh, Viewing Reports and Dashboards, Collaborating and Sharing with Teams

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<b>55-57</b>	<b>Power BI Gateway Setup</b>	On-Premises Data Gateway, DirectQuery, Scheduled Refresh for On-Premises Data
<b>58-60</b>	<b>Power BI Security &amp; Permissions</b>	Row-Level Security (RLS), User Access Control, Managing Permissions in Power BI Service
<b>61-63</b>	<b>Power BI and Excel Integration</b>	Exporting Power BI Data to Excel, Using Excel as Data Source in Power BI, Power Query Integration
<b>64-66</b>	<b>Power BI Mobile App</b>	Power BI Mobile, Accessing Reports on Mobile Devices, Mobile Report Design and Formatting
<b>67-69</b>	<b>Power BI Performance Optimization</b>	Improving Query Performance, Reducing File Size, Using Aggregations, Optimizing DAX Queries
<b>70-72</b>	<b>Advanced Visualizations and Custom Visuals</b>	Building Custom Visuals, Using R and Python in Power BI, Incorporating Third-Party Visuals
<b>73-75</b>	<b>Power BI for Financial Analysis</b>	Financial Reporting with Power BI, Profit & Loss Statements, Budgeting & Forecasting, Financial Dashboards
<b>76-78</b>	<b>Power BI for Marketing and Sales</b>	Marketing Dashboards, Sales Performance Reporting, Funnel Analysis, Customer Segmentation
<b>79-81</b>	<b>Power BI for HR and Operations</b>	Employee Data Analysis, Operational Dashboards, KPI Reporting, Resource Management in Power BI
<b>82-84</b>	<b>Power BI Project – Part 1</b>	Hands-on Project (Data Collection, Cleaning, Model Design, Basic Reporting)
<b>85-87</b>	<b>Power BI Project – Part 2</b>	Advanced Reporting, Interactive Dashboards, Data Analysis, Integrating Power BI with Power Automate
<b>88-89</b>	<b>Power BI Project – Part 3</b>	Final Project Review, Performance Optimization, Security Implementation, Publishing and Sharing Reports
<b>90</b>	<b>Final Assessment &amp; Certification</b>	Final Project Presentation, Review of Key Concepts, Exam, Feedback, Course Completion & Certification