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NextGen Analytics Academy

Live Power BI training · Online across India

Power BI Mastery Program: From Beginner to Industry-Ready

A structured learning path from fundamentals to deployment. A comprehensive, live training program that takes you from Power BI fundamentals to building production-ready dashboards. Learn through real-world projects, expert mentorship, and structured assignments.

11 modules | 6–8 weeks | Beginner to advanced | Live weekend sessions

Every module includes live demos, hands-on assignments and guided practice. The program closes with a capstone project and career preparation. Sessions are recorded for revision.

01 Introduction to Power BI

- What is Power BI and why it matters
- Power BI ecosystem overview
- Installing Power BI Desktop
- Navigating the Power BI interface
- Loading your first dataset

02 Power BI Desktop Deep Dive

- Data import from multiple sources
- Understanding the Report, Data, and Model views
- Creating your first visualizations
- Formatting and customizing visuals
- Using bookmarks and buttons for navigation

03 Power Query & Data Transformation

- Introduction to Power Query Editor
- Cleaning and transforming raw data
- Applying transformations and custom columns
- Merging and appending queries
- Parameterized queries and automation

04 Data Modeling

- Understanding star schema and data modeling
- Creating relationships between tables
- Active vs inactive relationships
- Many-to-many and bidirectional relationships
- Best practices for scalable data models

05 DAX Fundamentals

- Understanding DAX and its role in Power BI
- Calculated columns vs measures
- Basic DAX functions (SUM, AVERAGE, COUNT, DISTINCTCOUNT)
- Filter context and row context
- Commonly used DAX patterns

06 Advanced DAX

- Time intelligence functions (YTD, QTD, MTD, same period last year)
- FILTER, CALCULATE, and CALCULATEDTABLE
- Context transition and iterator functions
- Dynamic calculations and what-if parameters
- Performance optimization with DAX

07 Dashboard Design & Best Practices

- Principles of effective dashboard design
- Choosing the right visual for the right data
- Interactive filtering and drill-through
- Conditional formatting and KPIs
- Mobile layout and responsiveness

08 Power BI Service & Deployment

- Publishing reports to Power BI Service
- Creating workspaces and managing access
- Setting up scheduled data refresh
- Sharing reports and creating apps
- Row-level security (RLS) implementation

09 SQL Fundamentals for Analysts

- Introduction to SQL and its relevance
- SELECT, WHERE, and ORDER BY
- JOINs: INNER, LEFT, RIGHT, FULL
- Aggregations and GROUP BY
- Subqueries and CTEs

10 Real-Time Projects

- End-to-end project: Sales Analytics Dashboard
- HR Analytics project
- Finance & Budget tracking dashboard
- E-commerce analytics project
- Capstone project: Industry-specific dashboard

11 Resume & Interview Preparation

- Building an analytics portfolio
- Resume tips for data analyst roles
- Common interview questions and answers
- Presenting your projects confidently
- Job search strategies and networking

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