



Certificate Course in SM DATA Analytics

Duration: 2 Months

Power BI is a business intelligence and analytics service from Microsoft. It provides interactive visualizations and high-end analytics capabilities that help everyone to make smarter, real-time decisions. Power BI is on the top of the list of popular BI tools because of its ease of use and interactive visualizations. This course will help student to understand the benefits and best practices of Data Visualization. Student will be able to create Dashboards and publishing it. Extract data from various sources and establish connections with Power BI Desktop, perform transformation operations on data and the Role of Query Editor.

Career Opportunities: Career opportunities related to this tool are wide; and Power BI roles, such as Power BI developers, Power BI consultants, and Power BI analysts, are in high demand.

Program Contents

Introduction to Power BI	Modelling Data	DAX Functions	Map Visualizations
Business Intelligence	Manage Data Relationship	Measures in DAX	Modifying colors in charts and visuals
Self Service Business Intelligence Tools	Cross Filter Direction	DAX Operators	Shapes, text boxes, and images
Flow of Power BI	Create calculated tables and measures	DAX tables and filtering	Page layout and formatting
Components of Power BI	Optimizing Data Models	DAX queries	Explore time-based data
Architecture of Power BI	PBIDS Files	Create simple and compound measures	Dashboard vs. Reports
Overview of Power BI Desktop	DAX Syntax	Schema relations	Connectivity Modes
Data Sources in Power BI Desktop	Data Types in DAX	Star schema design	Import Power View and Power Pivot to Power BI
Connecting to a data Sources	Ranking and rank over groups	DAX Parameter Naming	Data caching and refresh
Query Editor in Power BI	Filter and evaluation context	Charts in Power BI	Power BI Report Servers
Query Ribbon	Context interactions	Matrixes and tables	Advanced Analytics In Power BI
Views in Power BI Desktop	Calculation Types	Slicers	