

### COURSE Power BI





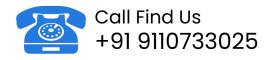






#### Module 1- Introduction Power BI

- Introduction to Power BI Desktop
- Getting data (Excel and RDBMS, Web, SharePoint)
- Naming for Q&A
- Direct Query vs Import data





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### Module 2 - Modelling with Power Bl

#### **Introduction to Modelling**

- Set up and Manager relationships
- Cardinality and cross filtering
- Creating hierarchy in the model
- Default summarization and sort by
- Creating calculated columns
- Creating measures and quick measures







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#### Module 3 - Power BI Desktop Visualizations

- Creating visuals
- Colour and conditional formatting
- Setting sort order
- Scatter and bubble charts and play axis
- Tool tips
- Slicers, timeline Slicers and sync Slicers
- cross filtering and highlighting
- Visual, Page and Report level filters
- Drill down/up





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### Module 3 - Power BI Desktop Visualizations

- Hierarchies
- Constant Lines
- Tables, Matrix and Table conditional formatting
- KPI's, Cards and Gauges
- Map Visualizations
- Custom visuals
- Managing and Arranging
- Drill Through
- Custom Report themes
- Grouping and binning
- Bookmark and buttons





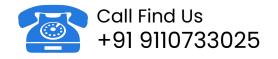


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### Module 4 – DAX Expressions

- Introduction to Dax (how to write Dax and basic functions in Power BI)
- Important Dax used in Power BI along with its applications.
- how to create calculated columns and measures in Power BI and difference in its application
- Scenarios with Questions on Dax & explanation
- Creating date dimension in Power BI using calendar functions and its importance





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### Module 5 - Publishing and Sharing

- Sharing options
- Publish from Power BI Desktop
- Publish reports to Web
- Sharing reports and Dashboards
- Workspaces
- Apps
- Printing, PDF's and exports
- Row level Security
- Exporting data from Visualizations Refreshing Datasets
- Understanding data refresh
- Gateways





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