

nice
Software Solutions



PowerBI

Course Catalog

BI Consulting &
Implementation

Corporate
Training

Instructional
Design

Application
Development

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About Us

Our trainers have a vast experience of over 11 years in training various platforms and have a strong skillset in Business Intelligence tools. From conducting trainings for college fresher's, to customized on-site classes across the globe, they have mastered the art of teaching to all experience levels. Our standard curriculum can be covered in a flexible manner to ensure participants can learn at their own pace. And with such varied experience and implementations, our trainers can pepper the training with use cases from actual project scenarios. We believe that any tool adoption is best learnt through practical approach and hence our classes include hands-on learning sessions that cover wide range of scenarios.

Our Global Coverage



Power BI Desktop (4 days)

Course description

This fully customizable Power BI Desktop course covers the fundamentals, intermediate and advanced topics in Power BI Desktop. This course is designed for anyone who works with data – regardless of analytical or technical background. It is thoroughly based on the hands-on model where the instructor will cover all the topics with the attendees while covering important theoretical concepts. The exercises hold the important concepts and techniques in Power BI Desktop, which shifts from creating simple to professional-quality business intelligence reports and guides how to transform raw data into interactive dashboards. This will help the attendees reinforce the concepts covered. The course duration and topics are customizable as per the attendee experience level in Power BI Desktop or any other BI tool.

Skills you gain

- Get an in-depth understanding of Power BI and how it works in different scenarios
- Data connections in Power BI
- Data transformations
- Data modelling
- Data normalization
- DAX functions
- Basic and advanced visualization
- Artificial Intelligence(AI) visuals

Products covered

Power BI Desktop

Topics covered**Module 1: Introduction to Power BI Desktop**

- Introduction to Power BI Desktop : Purpose
- Power BI Desktop: Products, its use, and Version
- Power BI Desktop: Installation & Settings
- Demonstration: A Walk Through
- Introduction to Course Project

Module 2: Connecting to Data Sources

- Type of Data Connectors in Power BI Desktop
- Power BI: Data Types
- Query Editor/Power Query
- Data Transformation
- Demonstration: Connecting data source
- Text Specific Tools
- Demonstration: Table Transformation with Text specific tools
- Demonstration: Table Transformation with Number specific tools
- Date- Specific tools
- Demonstration: Table Transformation with Date specific tools
- Adding Index and conditional columns
- Demonstration: Table Transformation with Adding Index and conditional columns
- Grouping and Aggregating Data
- Demonstration: Table Transformation with Grouping and Aggregating Data
- Pivoting and Unpivoting
- Demonstration: Table Transformation with Pivoting and Unpivoting
- Merging and Appending Queries in Power BI Desktop
- Demonstration: Merge and Append queries
- Refreshing Queries
- Demonstration: Refresh Query

Topics covered**Module 3: Creating Table Relationships & Data Models in Power BI**

- Introduction to Data Model
- Demonstration: Data Model
- Data Normalization
- Demonstration: Data Modelling
- Creating table relationship
- Demonstration: Creating table relationship
- Snowflake schemas in Power BI desktop
- Demonstration: Snowflake schemas
- Managing and editing relationships in Power BI desktop
- Demonstration: Managing and editing relationships

Module 4: Analyzing Data with DAX Calculations in Power BI

- Introduction to DAX Functions
- Demonstration: Calculated columns and Measures
- DAX Syntax and operators
- DAX Function Categories
- Demonstration: DAX functions and calculations

Module 5: Visualizing Data with Power BI Reports

- Introduction to Visualizing Data
- Demonstration: Visualizing Data
- Demonstration: Conditional Formatting
- Demonstration: Report Formatting Options
- Demonstration: Report Filtering Options
- Demonstration: Exploring Data with Matrix Visuals
- Demonstration: Filtering with Date Slicers
- Demonstration: Showing Key Metrics with Cards & KPI Visuals
- Demonstration: Inserting Text Cards
- Demonstration: Visualizing Geospatial Data with Maps

Module 5: Visualizing Data with Power BI Reports – Cntd.

- Demonstration: Visualizing Data with Treemaps
- Demonstration: Showing Trends with Line & Area Charts
- Demonstration: Adding Trend Lines & Forecasts
- Demonstration: Gauge Charts

Module 6: Artificial Intelligence (AI) Visuals in Power BI Desktop

- Demonstration: Q & A Visual,
- Demonstration: Key Influencers Visual
- Demonstration: Decomposition Tree Visual

Module 7: Interactivity and Analytics

- Editing Power BI Report Interactions
- Using Power BI Report Bookmarks
- Demonstration: Bookmarks
- Importing custom Visuals
- Demonstration: Designing for Phone vs. Desktop Report Viewers
- Demonstration: Publishing to Power BI Service
- Data Visualization Best Practices
- Monthly Power BI Updates

Here to Help your Every Training Need



Customized employee boot camps including training and assessment to quickly and efficiently ramp new team members. Our boot camp programs will reduce employee 'on-the-bench' duration.

Boot Camps



Effective delivery of unrivalled classroom experience directly at your home or office. The virtual training experience is equivalent to onsite classroom training without the travel and accommodation expense.

Virtual Classroom



Instructor-led public classes held across the globe, at NSS classroom facilities. In addition to being able to interact directly with the instructor, you also get a chance to meet and network with industry peers.

Public Classroom



Flexible and affordable onsite training solutions aimed at training a group of employees or launching a company-wide-training effort. We cater to delivering off-the-shelf, slightly modified or fully customized trainings for your learning needs to produce immediate and measure results

Onsite Training



Training solutions that are flexible and tailored to your organization's needs conducted onsite at your location, or virtually to reduce cost and include students from multiple locations. We customize our agendas, formats and delivery methods to suit your needs.

Tailored Training



We design and develop custom, on-demand trainings that allow you to learn anytime, anywhere on your LMS. Multimedia presentation, instructor videos, interactive simulations and quiz section provide an enhanced learning experience.

E-learning and M-learning

Our Customers



Our Trainers





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