GLOBAL
TECHSYS LEARNING

An ISO 9001:2015 Certified
Center For Higher Technical Educations

Global Techsys
excellence within

Microsoft
Power BI

MICROSOFT POWER BI

◼ ABOUT US

Global Techsys Learning is a leading Skills and Talent Development Corporate Training Institute that is building a manpower pool for global industry requirements. Global Techsys Learning has three main lines of business – Corporate Training, Skills and Careers, and Placement Solutions.

Global Techsys Learning has been founded in 2014 by Mr. S. K. Barse and a group of highly qualified professionals with an excelled expertise in varied technological domains as a center for IT education & training with a vision to make candidates ready for the IT industry from day one. We believe in in-depth perfection in whatever we doand we strive to bring it alive through Global Techsys . Global Techsys provedthat every candidate from fresher to experience got trained on latest ITrequirements and became the first choice for industries

That's Why Now We are **(Global Techsys Learning)** Punes One Of The Trusted Corporate Training Institute In Many More Domains ... We Provide the best Corporate Training with 100 % Practical work & live projects its help many of our candidates to get a job in Leading MNC & Corporate Company in this industry with good position & salary structure ....

One More Reasons To **Global Techsys Learning** Sucess Our Experience Placement Consultation Team ....

Introduction to Power BI

▣ Introduction to Microsoft Power BI, the key features of Power BI workflow, Desktop application, BI service, and file data sources, sourcing data from web (OData, Azure), buildingdashboard,datavisualization,publishingtocloud

▣ DAX data computation, row context, filter context, Analytics Pane, creating columns and measures, data drill down and drill up, creating tables, binned tables, data modeling and relationships

▣ The Power BI components like Power View, Map, Query, Pivot, Power Q & A, understanding advancedvisualization.

Extracting Data

- ▣ Learning about Power Query for self-service ETL functionalities, introductionto data mashup, working with Excel data, learning about Power BI Personal Gateway
- ▣ Extracting data from files, folders and databases, working with Azure SQL database and database source, connecting to Analysis Services, SaaS functionalities of PowerBI.

Extracting Data

- ▣ Installing Power BI, the various requirements and configuration settings, the Power Query
- ▣ Introduction to Query Editor, data transformation – column, row, text, data type, adding & filling columns and number column, column formatting, transpose table, appending, splitting, formatting data, Pivot and UnPivot, Merge Join, relational operators, date, timecalculations
- ▣ Working with M functions, lists, records, tables, data types, and generators, Filters & Slicers
- ▣ Index and Conditional Columns, Summary Tables, writing custom functions and error handling, M advanced datatransformations

Power Pivot for Data Modelling and
Data Analysis Expression – DAX Queries

- ▣ Introduction to Power Pivot, learning about the xVelocityengine
- ▣ Advantages of Power Pivot, various versionsand relationships, strongly typed data sets
- ▣ Data Analysis Expressions, Measures, Calculated Members, Row, Filter & Evaluation Context, Context Interactions, Context over Relations, SchemaRelations
- ▣ Learning about Table, Information, Logical, Text, Iterator, Table, and Time Intelligence Functions, Cumulative Charts, CalculatedTables
- ▣ Ranking and rank over groups, Power Pivot advanced functionalities, date and time functions, DAX advanced features, embedding Power Pivot in PowerBI Desktop.

Data Visualization with Analytics

- ▣ Deep dive into Power BI data visualization, understanding Power View and Power Map, Power BI Desktop visualization, formatting and customizing visuals, visualization interaction, SandDancevisualization
- ▣ Deploying Power View on SharePoint and Excel, top down and bottom upanalytics, comparing volume and value-based analytics.

- Working with Power View to create Reports, Charts, Scorecards, and other visually rich formats,categorizing
- Filtering and sorting data using Power View, Hierarchies, mastering the best practices, CustomVisualization
- Authenticate a Power BI web application, Embeddingdashboards in applications.

Power Q & A

- Introduction to Power Q &A, intuitive tool to answer tough queries using natural language, getting answers in the form ofcharts
- Graphs and data discovery methodologies, ad hoc analytics building, Power Q & A best practices, integrating with SaaSapplications
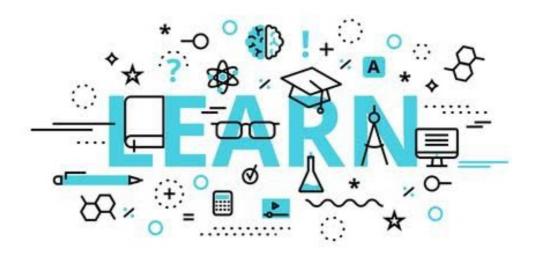
Power BI Desktop & Administration

- vGetting to understand the Power BI Desktop, aggregating data from multiple data sources
- How Power Query works in Power BI Desktopenvironment
- Learning about data modeling and data relationships, deploying data gateways, scheduling datarefresh
- Managing groups and row level security, datasets, reports and dashboards, working with calculatedmeasures
- Power Pivot on Power BI Desktop ecosystem, mastering data visualization, Power ViewonPowerBIDesktop,creatingrealworldsolutionsusingPowerBI.

KEY FEATURES

- ▣ Higher Package IT Jobs
- ▣ 1 on 1 Career Support
- ▣ Interview Preparation
- ▣ Dedicated mentoring session from industry experts
- ▣ Trainer Is From Top MNC'S
- ▣ Profile Building
- ▣ Flexible Batches
- ▣ Job Opening
- ▣ Intership

Who should go for this course

- ▣ Fresh Graduates
- ▣ Any B.E/ B.Tech/ BSC/ M.C.A/ M.Sc Computers/ M.Tech/ BCA/ BCom College Students in any stream.
- ▣ Any IT experienced Professional who are interested to build their career in Power BI

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Saturday : 10 am to 6.30 pm
Sunday : Closed

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