



GP Tech Soft Training Power BI with Azure Cloud Syllabus

Your Vision , Our Code

Power BI with Azure Cloud Syllabus

Power BI

- **Introduction to Power BI**
 - Creating and formatting a table visualization
 - Creating different visualizations: Matrices and bar charts
 - Adding more controls to visualizations
 - Other important visualizations
 - Mapping
 - Measure performance using KPI and gauges
 - Other visualization items
 - Visualize and analyze the data
- **Get and Transform Data**
 - Get data: Home
 - Getting multiple files
 - Transform menu
 - Transform: Text and numbers
 - Transform: Date and time
 - Add columns, view, and help menus
 - View and help menu advanced
 - Get other types of data
 - Creating a data model
- **DAX Functions**
 - An introduction to DAX functions
 - Statistical functions
 - Mathematical functions
 - Text functions
 - Information functions
 - Filter and value functions
 - Time intelligence functions
 - Other important modeling and DAX topics

- **Power BI Service**

- Introduction to Power BI service
- Power BI Pro and adding users
- Row and object level security
- Dashboards
- Manage datasets
- Create and manage workspaces
- Other Power BI service topics

SQL Concepts

- **Overview and RDBMS Concepts**

- Create databases
- Integrity constraints
- SQL statements
- Functions and operators
- Order By, Group By, and Where clause
- Having Clause and Top Clause
- Union Clause
- Null Values
- Aliases
- Indexes
- Temporary table
- Joins
- Subquery

- **Introduction to T-SQL**

- Batch and control flow keyword, Begin... End
- Working with variables
- Go command
- IF... Else statement
- While loop, Try catch, and WAITFOR
- Stored Procedure

Azure Cloud Concepts

- **Introduction to Cloud Computing**

- What is Cloud?
- What is Azure Cloud?
- Types of services in Azure Cloud

Azure BLOB

- **Introduction to Azure BLOB**

- Blob storage resources
- Types of Blobs
- How to create Blob
- Blob connectivity with Blob

Azure SQL

- **Introduction to Azure SQL**
 - Create blank database in Azure SQL database
 - Create server level IP firewall rule
 - Connect with database
 - Create tables in database
 - Load data into tables
 - Query data
 - Connect Azure SQL from Power BI

Azure Analysis Service (Tabular Modeling)

- **Introduction to Azure Analysis Service**
 - Create service
 - Create data model and process
 - Deploy on Azure Cloud
 - Connect from Power BI

Introduction to Azure Data Factory

Additional Assistance

- **Real Time Project**
- **Resume Preparation**
- **Interview Questions and Answers**
- **Interview Preparation**