

Welcome to Power BI with Azure Cloud

Key Topics

- Power BI
- SQL Concepts
- Azure Cloud Concepts Ø Azure BLOB
- Azure SQL
- Azure Analysis Service
- Introduction to Azure data Factory

Power BI

- Introduction to power bi
- Creating and formatting a table visualization Formatting our first visualization
- Creating different visualizations-Matrices and bar charts
- Adding more controls to visualizations
- Other important visualizations
- Mapping
- Measure performance by 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 type of data
- Get and transform
- Creating a data model
- An introduction to DAX functions

- **Statistical functions**
- **Mathematical functions**
- **Text functions**
- **Information functions**
- **Filter and value functions**
- **Time intelligence functions**
- **Other important modelling and DAX topics**
- **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**
- **Data types**
- **Create databases**
- **Integrity constrains**
- **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
- Blob storage resources
- Types of Blobs
- How to Create Blob
- Blob Connectivity with blob

Azure SQL

- Introduction
- 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 Modelling)

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

Introduction to Azure Data Factory

- **More Assistance:**
- **Real time Project**
- **Resume Preparation**
- **Interview Questions and answers**
- **Interview preparation**