

Azure Course Content

- Introduction to cloud, different cloud service providers and where Azure stands in market
- Classification of cloud services
 - IaaS, PaaS, SaaS
 - Public, Private, Hybrid
- Subscribing to Azure, connecting to Azure environment
- Different components and services available in Azure
- Create resources/components in Azure, uses of each component.
 - Subscription
 - Resource Groups and their need/importance
 - Azure Active Directory
 - Compute
 - Storage
 - Azure Data Lake
 - Azure Blob storage
 - Azure SQL Database
 - **Data Management**
 - **Azure Data Factory v2**
 - Logic Apps
 - Azure Data Bricks
 - Azure Synapse Analytics
 - Cosmos DB
 - Security
 - **Azure Key Vault**
 - **Azure DevOps**
 - Organization
 - Project Settings
 - Pipelines (For Deployments) – Video Recording
 - **Repos (For Version Control)**
 - Boards
- Components in ADF v2:
 - Pipelines
 - Activities
 - Datasets
 - Linked Services
 - Triggers
 - Scheduled Trigger
 - Tumbling Window
 - Event Based
 - Debugging
 - Parameters
 - Integration Run Time
 - Data Flow
 - Power Query

- Different types of Activities with examples
- Different control flows with examples
- Debugging errors
- Copy data from Data Lake Storage to Azure SQL
- Copy data from Azure Blob Storage to Azure SQL
- Copy data from On Premise Database to Azure SQL