

DATAWAREHOUSE – MICROSOFT AZURE COURSE CONTENT

- Module 1: Introduction to cloud computing
 - Introduction to Virtualization
 - Private,Public and Hybrid cloud
 - IaaS,Paas,SaaS
 - Why Cloud Computing?
 - Benefits of Cloud Computing
- Module 2: Azure Fundamentals
 - Introduction to Azure
 - Azure Regions and Data Centers
 - Introduction to all Azure services
 - Azure portal
- Module 3: Azure Virtual Machines
 - Creating Virtual Machine instances
 - Virtual Machine Types
 - Pricing
 - Load Balanced Endpoint
 - Endpoints
 - VM Availability using Availability Sets
- Module 4: Azure Virtual Networks
 - What is a Virtual Network?
 - Creating Virtual Networks in Azure
 - Private and Public IP
 - Create a VNet-to-VNet virtual network
- Module 5: Microsoft Azure Storage
 - Overview
 - Storage Account

- Features
- Storage Account
- Azure File Storage
- Azure Blob Storage
- Azure Table Storage
- Azure Queues
- Module 6: Azure SQL Database
 - Understanding Database as a service
 - SQL Database is not SQL Server
 - Scaling SQL database
 - Backup Options
- Module 7: Azure CDN
 - Introduction to CDN
 - Need for CDN
 - Setting up CDN on Azure
- Module 8: Azure Web Apps
 - Understanding Web App tiers
 - Resource Group and Web Hosting Plans in the New Preview portal
 - Supported language
 - Scaling of Websites
- Module 9: Azure Load Balancing
 - Introduction Load Balancer
 - Creating and Verifying Azure Load Balancer
- Module 10: Implement an Azure Active Directory
 - Active Directory Fundamentals
 - Understanding Azure Active Directory
 - Self-Managed Azure AD
 - Need for Azure Active Directory