**Module 4.1: Predict Cost in Azure**

* Types of Azure Product and services for Customer
  1. Enterprise: Annually Billing , Customized Pricing
  2. Web Direct: Monthly Billing , General Pricing
  3. Cloud Solution Provider : Payment and billing done through Vendor
* Usage Meter
  1. When you provision a azure resource, Azure creates one or more meter instances for that resources
  2. The meters track the resources' usage, and generate a usage record that is used to calculate your bill.
     1. Compute Hours
     2. IP Address Hours
     3. Data Transfer In
     4. Data Transfer Out
     5. Standard Managed Disk
     6. Standard Managed Disk Operations
     7. Standard IO-Disk
     8. Standard IO-Block Blob Read
     9. Standard IO-Block Blob Write
     10. Standard IO-Block Blob Delete
* Factors effecting Cost
  1. Resource type
  2. Services
  3. Location
  4. Azure Binning Zone
     1. Billing Zone is not same as Availability Zone
     2. Zone is for billing only
* Azure Pricing Calculator
* Azure Advisor & Cost Management
  1. **Azure Advisor** is a free service built into Azure that provides recommendations on high availability, security, performance, and cost
  2. **Recommendation** made in the below areas
     1. **Reduce cost by eliminating un-provisioned resources**
     2. **Buy reserved instances over pay-as-you-go**
     3. **Right size or shutdown underutilized VMs**
  3. **Azure Cost Management tool can be used to get cost insight**
* **Azure TCO(Total Cost of Ownership)**
  1. Use CTO calculator to predict TCO for migration to cloud
* Azure Credits
* Spending Limits
* Reserved Instance
* Low Cost Location & Regions
* License Cost (BOYL- Bring you own license )