**Introduction to Microsoft Azure**

**Features of Free Tier Account**

1. **For Windows & Linux Machines – 750 hours are free.**
2. **Virtual machine type recommended for Free tier account B1S VM.**
3. **Disks Management**
4. **Blob Storage – 5 GB free (Local Redundant Storage)**
5. **File Storage – 5 GB Free**
6. **SQL – 250 GB Free**
7. **Bandwidth Usage – 15 GB Free**
8. **Deployment Models**
9. **Classic Deployment Models**

**In this model each resource existed independently.**

1. **Resource manager**

**Resource Manager which added the concept of resource group in 2014.**

**Resource Manager Terminology**

**A manageable item that is available through Azure**

**Ex: Virtual machine, Storage, account, web apps.**

**Resource Group:**

**A container that holds related resources for an Azure solution**

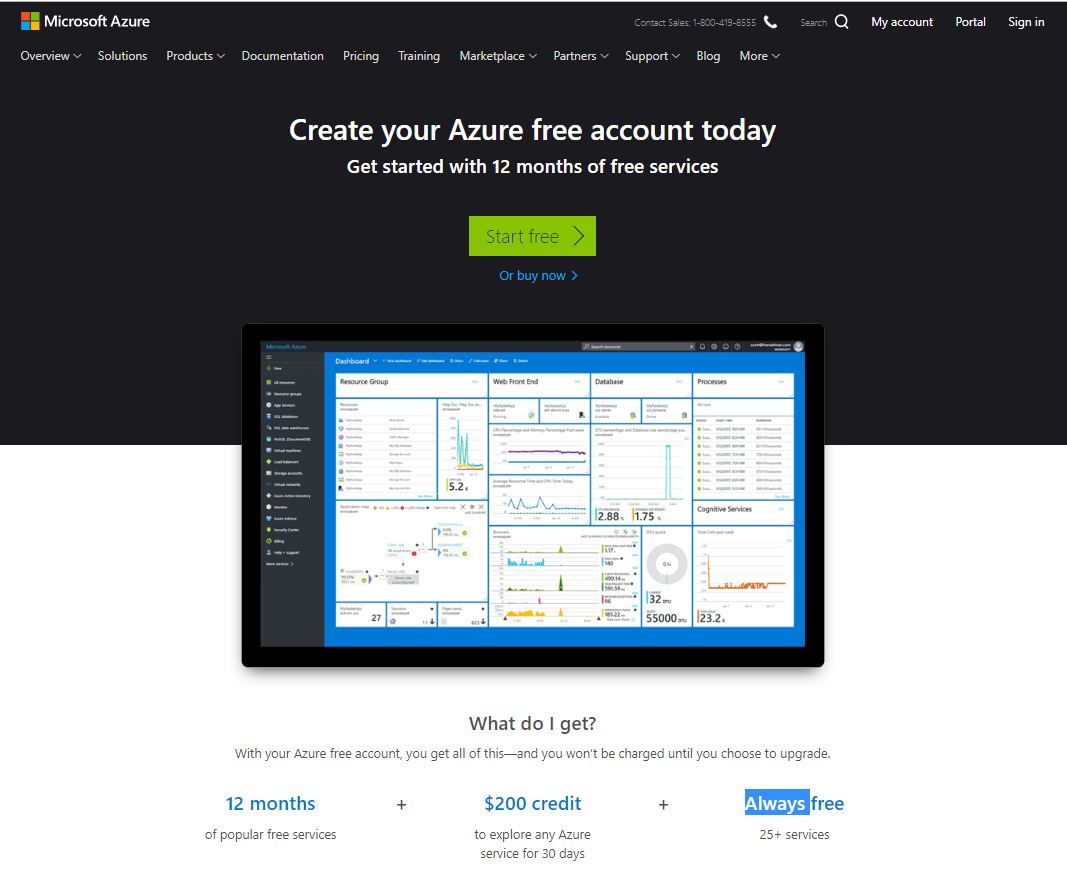
* **Azure Access Platform**
* **Azure Portal**
* **It is used to view and manage all of your applications in one unified hub. It including web apps, databases, virtual machines, virtual networks, storage, and Visual Studio team projects.**
* **Azure CLI**
* **Azure Bash Shell**
* **Azure Power shell**
* **Azure SDK**
* **Azure Free Account**

|  |  |
| --- | --- |
| **Products** | **Period of free Avail** |
| **750hr of B1s VM for Win Server** | **12 months** |
| **750hr of B1s VM for Linux Server** | **12 months** |
| **128 GB of Managed Disks as a combination of two 64GB** | **12 months** |
| **SSD storage, plus 1GB snapshot and 2 million I/O operations.** | **12 months** |
| **5GB of LRS-Hot Blob storage with 2 million reads, 2 million write Operations.** | **12 months** |
| **250 GB of SQL Database standard** | **12 months** |
| **5GB of bandwidth for outbound data transfer with free unlimited inbound transfer** | **Always Free** |
| **More Services** | **Always Free** |

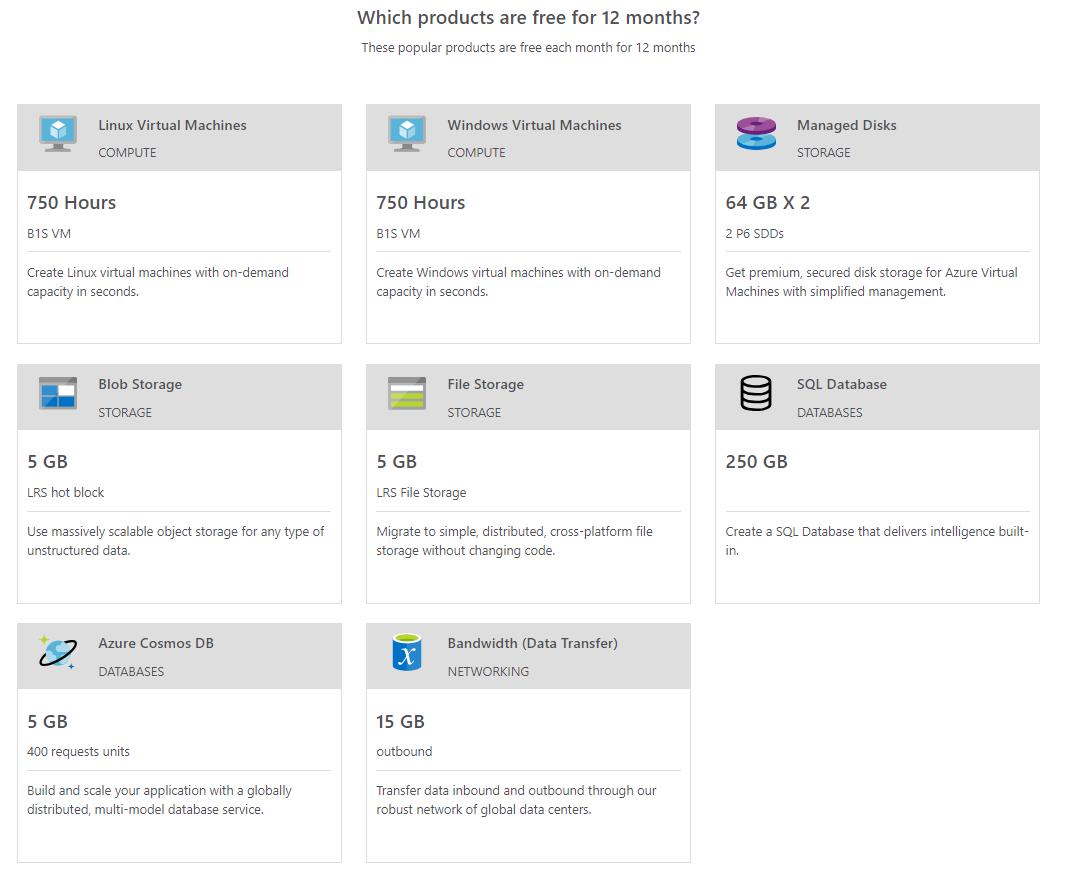
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1. **You should have email id on outlook.com**
2. **Credit Card (if you have already created Azure account by using existing credit card please try with another credit card to get Free Trial)**
3. **Mobile Number (if you have already created Azure account by using existing mobile number please try with another credit card to get Free Trial)**
4. **Need to register for Free Trial account by using below mentioned URL** [**https://azure.microsoft.com/en-us/free/**](https://azure.microsoft.com/en-us/free/)

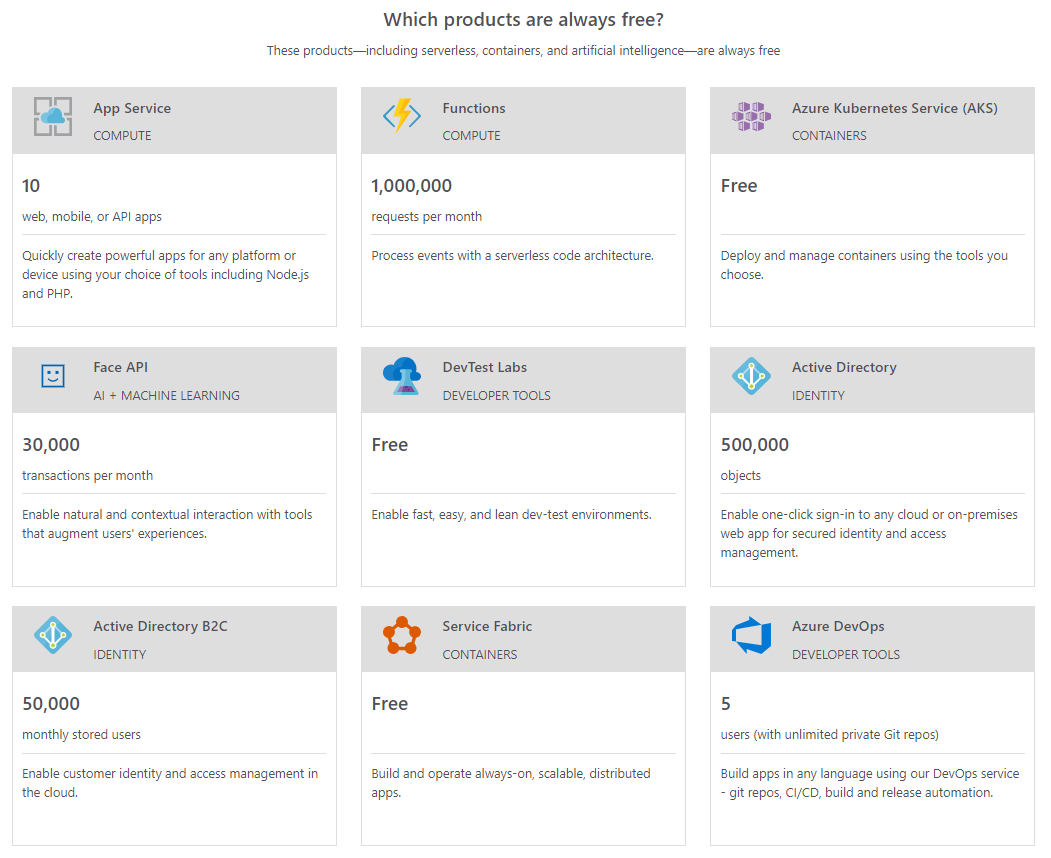
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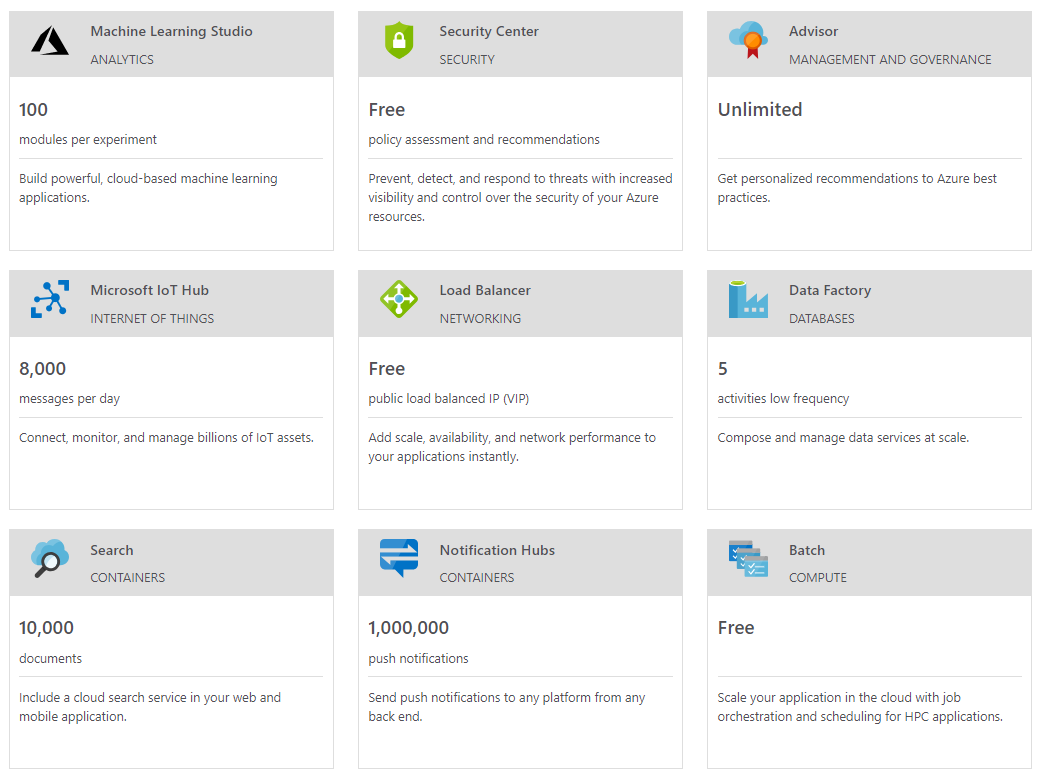
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