1. **Azure cloud modules**

* Deployment Module.
* Service Module.
  1. **Deployment Modules**
* Public cloud 🡪 All organizations can deploy on same server
* Private cloud 🡪 Dedicated to a single organization
* Hybrid cloud 🡪 Mix of both public and private (Web-public & Storing-private)
  1. **Service Modules**
* Infrastructure as a Service 🡪 Install any software
* Platform as a Service 🡪 Will give dashboard (SQL data base, cosomosDB..)
* Software as a Service 🡪 Out-Look

1. **Azure Networking Services**

* Virtual Networks.
* Load Balancers.
* Application Gateway.
* DNS Zone.
* CDN Profiles

1. **Azure Storage Services**

* **Blob** (Binary large object). 🡪 To store any kind of data

We will create container here. After that we can upload files. We can setup access level private or public.

* File Storage. 🡪 To share among across servers. (Server message Block protocol)
* Tables. 🡪Storing in NoSql (Authenticate calls)
* Queues.
* Data Lake Storage 🡪 To store large amount of data and analysis required
* Data box 🡪 Fast data transfer, from local data to azure cloud (5 peta bytes)

1. **Azure Data base services**

* Data SQL.
* CosmosDB. 🡪Create replicates, auto scaling. (Fast reading from any region)
* Data Factory. 🡪 Take data from multiple sources and load into BI
* Event Hub. 🡪 Data pushed into event hub, and decide here where to go (based on rule what you defined)
* Data lake Analytics. 🡪 Perform analysis on Data lake Storage.

1. **zd**
2. **dd**