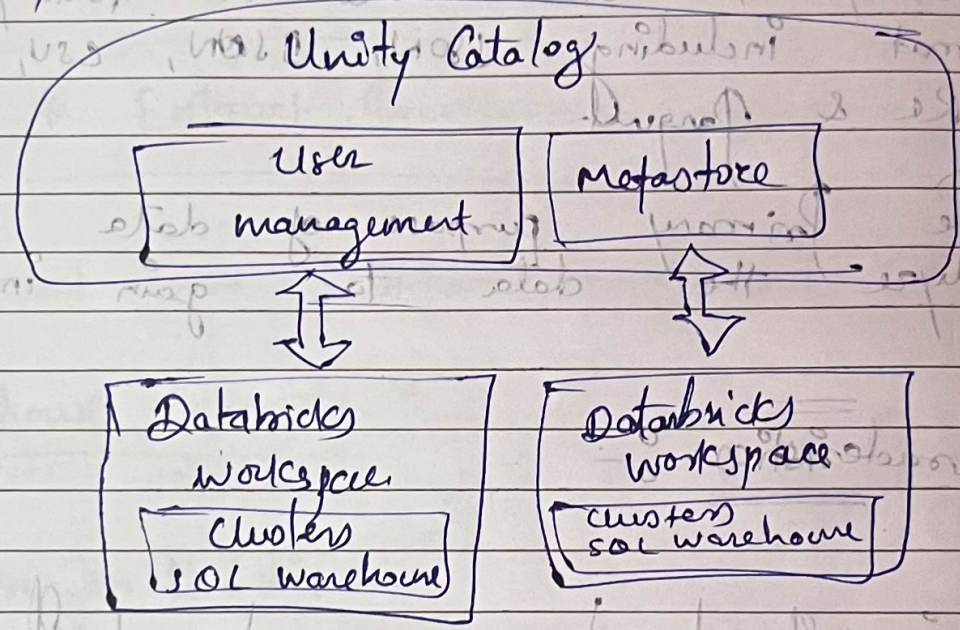


# \* Unity Catalog :-

- Unity Catalog provides centralized access control, auditing, lineage & data discovery capabilities across Azure databricks workspace



## \* Key features :-

- Define Once, Secure Everywhere
- Standards-compliant security model
- Built in auditing & lineage
- Data discovery
- System tables



Relationships b/w  
& cloud object data in Azure datalake storage

- Storage Credentials

- External locations

- Managed Storage locations

- Volumes

- Tables

Unity Catalog Object Model

→ Metastore >> top level container

→ Catalog >> first layer of object hierarchy

→ Schema >> second layer (databases)

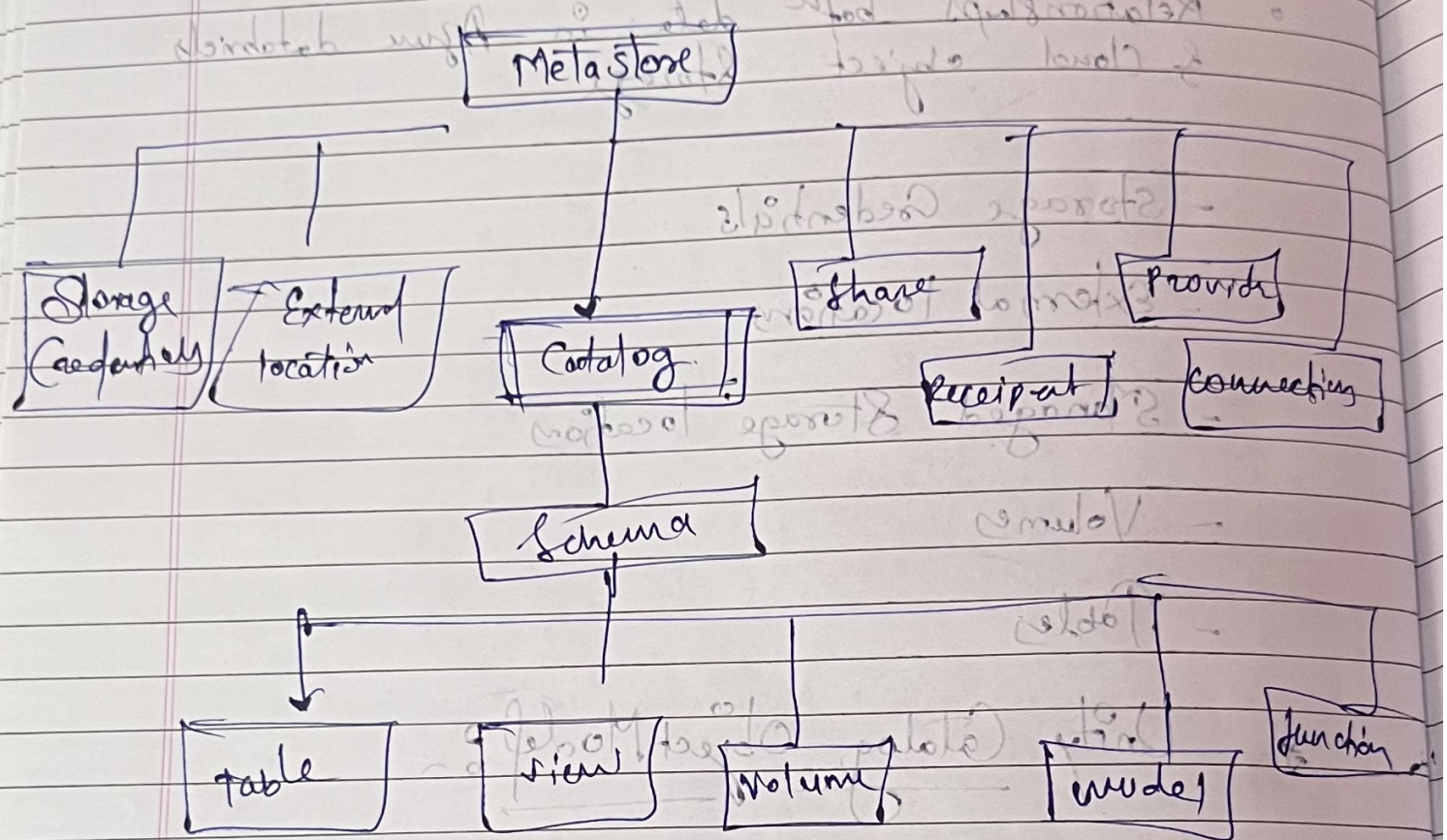
→ tables, Views & Volumes

>> lowest level data objects

>> governance for non-tabular data

→ Models >> fourth level in object hierarchy

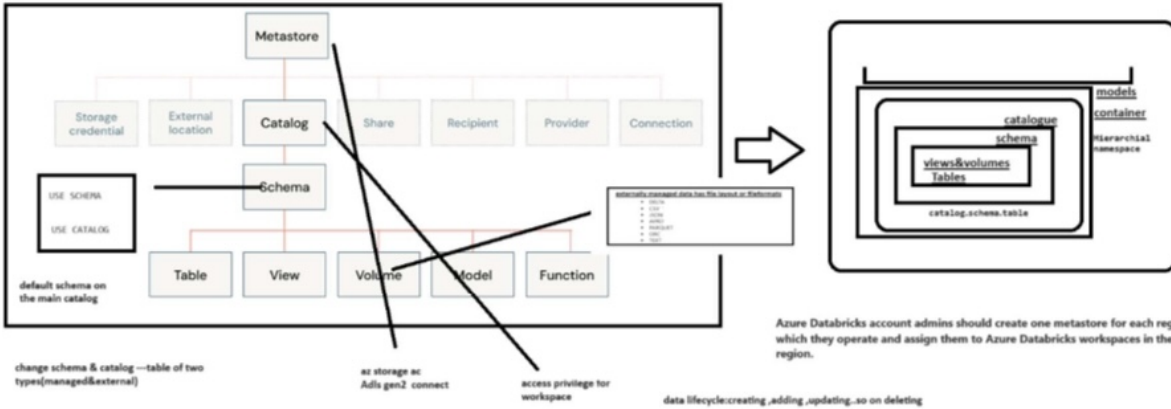
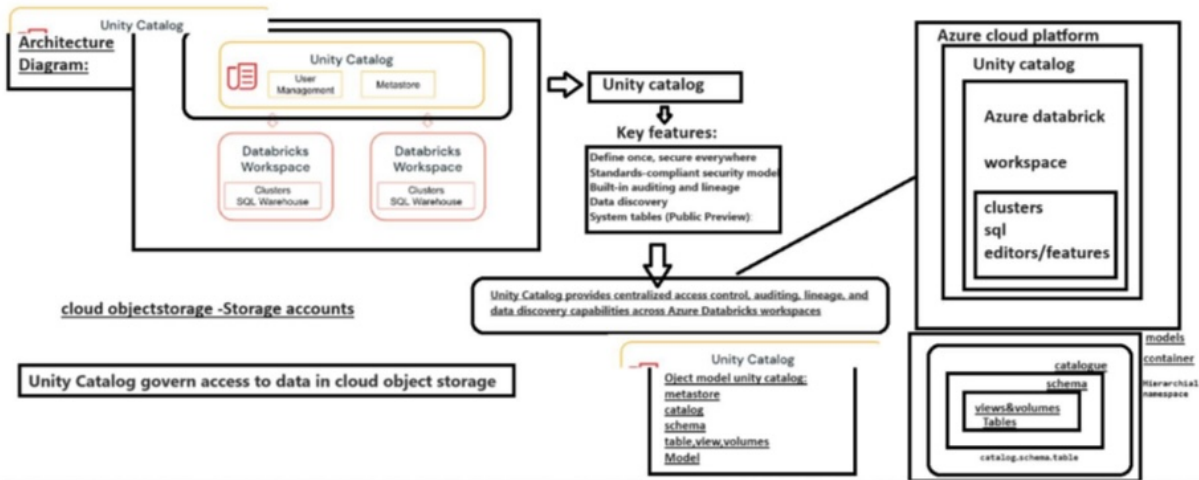




### \* metastores :-

- Registers metadata about data & AI assets & the permissions that govern access to them

- It can optionally be configured with a managed location in Azure data lake storage Gen 2



Azure Databricks account admins should create one metastore for each region in which they operate and assign them to Azure Databricks workspaces in the same region.