There are 3 layers of the architecture:

1.Storage:

Example:Amazon AS S3.Data is stored in blob(**hybrid columnar storage**) rather than as rows.

2.Query Processing:

This is done by virtual warehouses.There are multiple virtual warehouses on diff. servers. These are not DWH. These are compute resources that helps in massive parallel processing(**muscle of the system**) for large amount of data and complex queries in efficient way.

3.Cloud Services

It is the brain of the system that manages everything. It manages optimization, access control, security etc.

VIRTUAL WAREHOUSE SIZES

XS = 1 server

S = 2 server

M = 4 server

L = 8

XL = 16

2XL = 32

3XL = 64

4XL = 128

1 server running for 1 min cost 1 credit.