**Virtual Warehouse overview**

To run anything we need compute resource which is nothing but a Virtual Warehouse.

It would be the first thing we have to set up once we set up snowflake account

**Virtual warehouse = cluster of compute nodes (resources)/machines**

Cluster => group of nodes/machines connected together

Compute Resources => CPU + Memory+ Temporary storage

Machine/computer/node

**Snowflake Warehouse comes in various T-Shirt sizes**



XS(1) will have one compute nodes/machines, S(2) will have 2 compute nodes, M(4), L(8), XL(16), 2XL(32), 3XL(64), 4XL(128) -- generally available

5XL(256) and 6 XL(512) are in preview state

MAXIMUM CLUSTER AS 10 => 128x10 =1280

If we set 6XL warehouse to Multicluster Warehouse=> 512x10 =5120 computes nodes