Unloading :

Table ==copy =stage ==get ==>local

Table ==copy==external stage s3

Recap :

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Streams :

Snowpipes ==continuous data pipeline

Change data capture :

Src on stream : load ==>target/consumption

insert/update/delete

Src ⇒ Change\_tracking ==on

Operation metadata action Metadataisupdate

Insert insert false

Update insert true

Delete true

Delete delete false

====================================

Base Table ==view ==>no data

Materialized view ===> precomputed ==>with data

Src ==stream

Insert ==insert

Delete after Update ==only delete is available

=====================================

Source target

Nation scd nation\_history

Stream

View -->dml -3 union

Merge

Insert into nation :

Check your streams

Insert

111 aaa 6000 0

111 aaa 9000 0

=============================

111 aaa 6000 1 start time end time

Function and stored procedures :

====functions SP

No dml dml

Return may or maynot

Call in select st cannot call in select

Cant call sp in function function can be called sp

=======================================

Table ⇒ base table ==no frequent

Views materialized views

No data data

Base ->Clustering key(date,country)

mv -clustering key (order\_key)

Base ===========mv

=====================================

RBAC ==role based access control

Network ==ip ==blocked/allow

User ⇒ MFA / privileges

Database ==objects / ⇒ role / privileges

====================================

Business critical : db replication → across the account and across region failover/failback

Organization

Accounts

Users

Objects

=======================================

Snowpipes

Advanced snowpro

Oracle ===> kafka ===> snowflake

Encrypted ==md5

Talend ETL == rdb ===snowflake

=================================PYTHON WITH SNOWFLAKE

dATA VIZ : SNOWFLAKE ===> POWERBI

Etl TALEND ===> SNOWFLAKE

HIVE ===> SNOWFLAKE

SPARK === > SNOWFLAKE

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Data loading

Stages ⇒ transform

Types ==proprties ==table ⇒

CDP =

CDP

cdc/scd/task

Data viz ⇒ powerbi

===================================

Compression ==column

<https://www.microsoft.com/en-us/download/confirmation.aspx?id=58494>