Snowflake :

History --- >history ---query /profile --snowflake ---> 14 days

Account usage ⇒ 365 days

Cloud service layer :

Output of the query is stored in result cache :

Query Result → identical queries→ **select →** result cache =24 hrs =rerun==> 31 days

Table -- retention → db-sche-table ⇒ time travel ⇒ enable query --table in past => 10

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

Soc compliance

Windows AD : psno :

1m --- 100 mp

Male /female ⇒

Clustering key :

1 aaa 6000 male 10 mumbai

Mp1

1

Aaa

6000

Male

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OLTP DW OLAP

Dw on cloud

Data engineering

hdfs/hive/spark

OLAP : analysis reporting

Microstrategy

Cognos

OBIEE

SSAS/SSRS

Azure synapse

Tableau

Qlik sense

powerBI

Data vizualization : BI tools /reporting

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Data modelling / reporting

Business domain ⇒

OLTP -current staging table ODS DW history

Dimensional modelling ⇒ dim table /fact tables ===> DW ==RDB

==================OLAP===========================

Dimensional modelling

**RDB** >======odbc sql ==========> Physical view

Business view == native sql ===> reports

ROLAP : Live data

RDB ======odbc sql ==========> Physical view

Business view ==

**Dimension model** (cube) =MDX= report

MOLAP ⇒ no live / olap operations → drill up /slice/dice

RDB ======odbc sql ==========> Physical view

Business view ==

Dimension model (cube) = report

HOLAP ==MOLAP + ROLAP

Live data / olap operation

Live / extract

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

Data source connecting :

Get data ⇒

Data preparation : cleansing /scrubbing / shaping /massaging

Data model

Analysis

Visuals - reports and dashboard

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SSIS -ETL ⇒ ADF ==azure data factory

SSAS - sqlserver analysis services

SSRS - reporting service

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Microsoft ==snowflake ==azure

Azure synapse analytics

Data bricks

Azure HDinsights

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Download and install snowflake odbc driver

https://sfc-repo.snowflakecomputing.com/odbc/win64/latest/snowflake64\_odbc-2.23.3.msi

To connect with snowflake :

Click get data , search for snowflake

In connector opo up ,

Server : vka00283.us-east-1.snowflakecomputing.com

Warehouse : compute\_wh

Then it prompt for username and password of snowflake





