Power bi desktop --on-premises

Building blocks / content packs:

Datasets

Visuals

Model

Tiles

Reports

Apps

Dashboards

Power bi service ==web ⇒ get /share

Steps ;

Get data ⇒ connect multi sources

Excel

Snowflake

Oracle

Load ===> import ==>store copy of data

Direct query ==live

Extract transform load

Get data --import ==transform ⇒

Cleansing /scrubing/ mashup / shaping

Calculated column

Multiple : model ⇒

Manage relationship ⇒ two ⇒ cardinality

Visuals ⇒ choose column ⇒ charts

Pbix

Snowflake ==odbc ⇒ server : account.region.snowflakecom.com ⇒

wh => username

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Measure =

Totalsal =sum(employee[sal])

==========================================Problem statement

Architecture

Source ingest dw olap

Workflow 1 : batch

Loading ⇒ internal /external stage ⇒ task

Workflow 2: streams

Snowpipe

CDC/SCD

Challenging : date time , missing

Data viz:

3 reports

2 dashboards

Conclusion

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Team members: intro and arch

Ingestion : creation table : type / clustering

Stage -->internal / external stage

Emp1.csv --local

Emp2.json --aws s3

Emp3.parquet --snowpipes

3. Staging tables (intermediate tables)

File format /

Transform --stage --cast , uppercase

4. Snowflake : time travel /failsafe

Zero copy cloning

5. Streaming : snowpipe / cdc /scd

15 ==> business queries

15 reports ⇒

ppt -5

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Status call : day 2 : 2 members : day 4 : 2 members

Friday : ⇒ Monday

Documentation:

30 --1.30 hrs