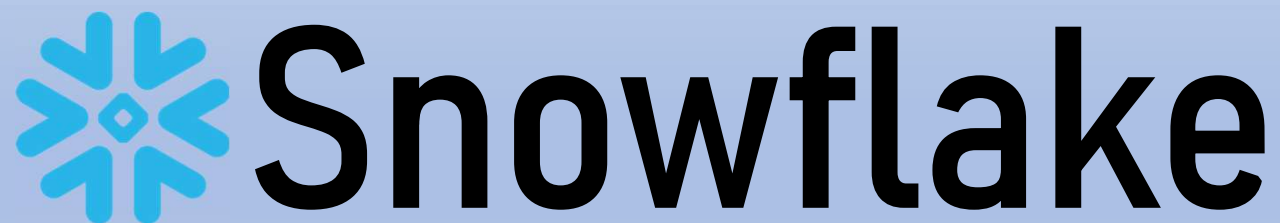


# Data Engineering Workflow in



# 1.Ingest

Load raw data from

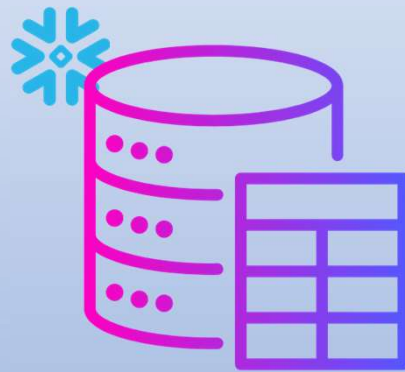


using COPY INTO or Snowpipe

Or Use Kafka Connect, Fivetran, or custom tools

## 2. Stage & Clean

Store in staging tables



Use SQL to transform, parse  
JSON/XML, clean nulls, deduplicate

# 3. Transform

Use Streams + Tasks for incremental ETL

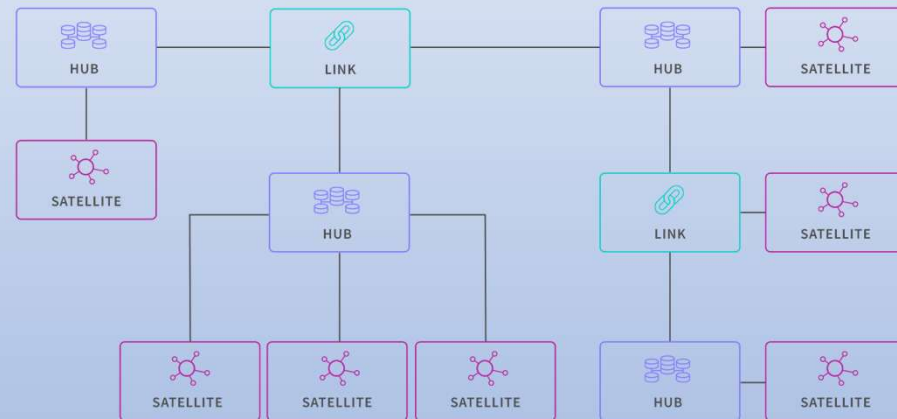
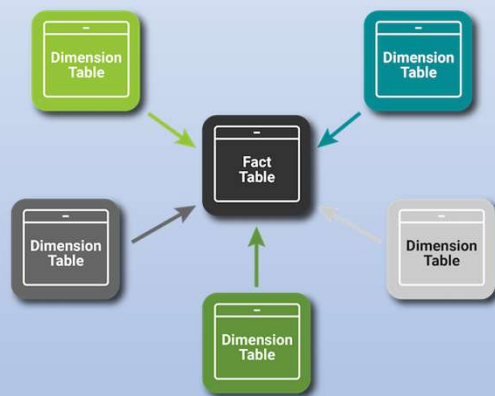
Use dbt, Snowpark,  
or SQL procedures



Build views or materialized views for  
reporting

# 4. Model

Create Dim/fact or Data Vault models



Use Snowflake Cortex to enrich with AI  
(sentiment, summaries)

## 5. Orchestrate

Use Tasks or external tools (Airflow, Prefect, dbt Cloud)



## 6. Serve

Power BI/Tableau/Looker connect directly



Use data sharing for cross-org collaboration