

# Introduction to Snowflake





# What will we learn today?

- Introduction to Snowflake
- Snowflake Architecture
- Creating snowflake account



# What is Snowflake?



# What is Snowflake?

Snowflake merupakan suatu product/merk dari sebuah Analytic Data Warehouse sebagai Software As A Service (SAAS).





# What is Snowflake?

Datawarehouse as cloud service :

- Tidak ada hardware
- Tidak ada software yang perlu di install
- Maintenance, Management, dan tuning di handle oleh Snowflake





# What is Snowflake?

Snowflake sepenuhnya running on cloud infrastructure. Semua komponenen dari snowflake berjalan diatas public cloud infrastructure yang dimana snowflake tidak dapat berjalan pada infrastructure on premise



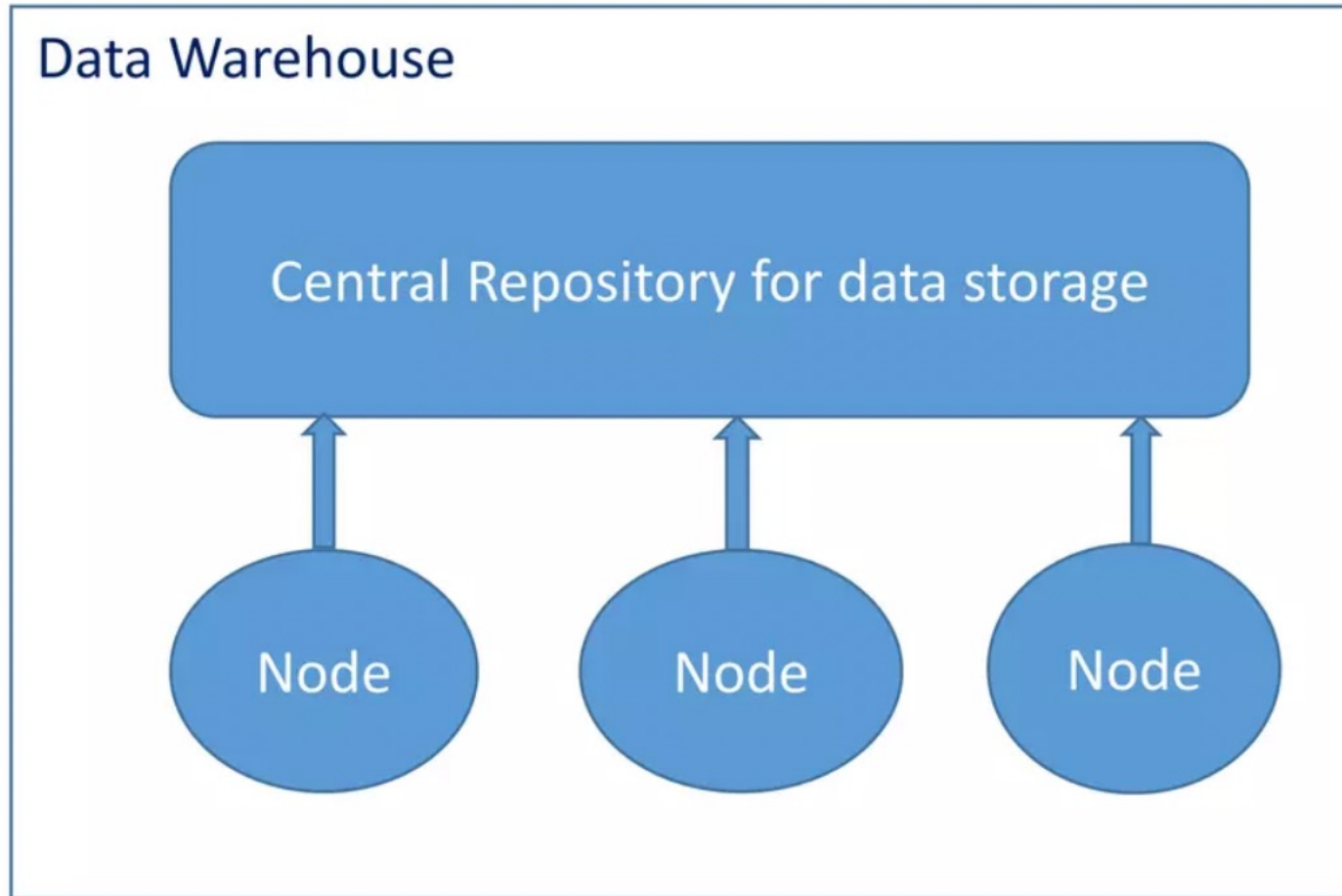


# Snowflake Architecture





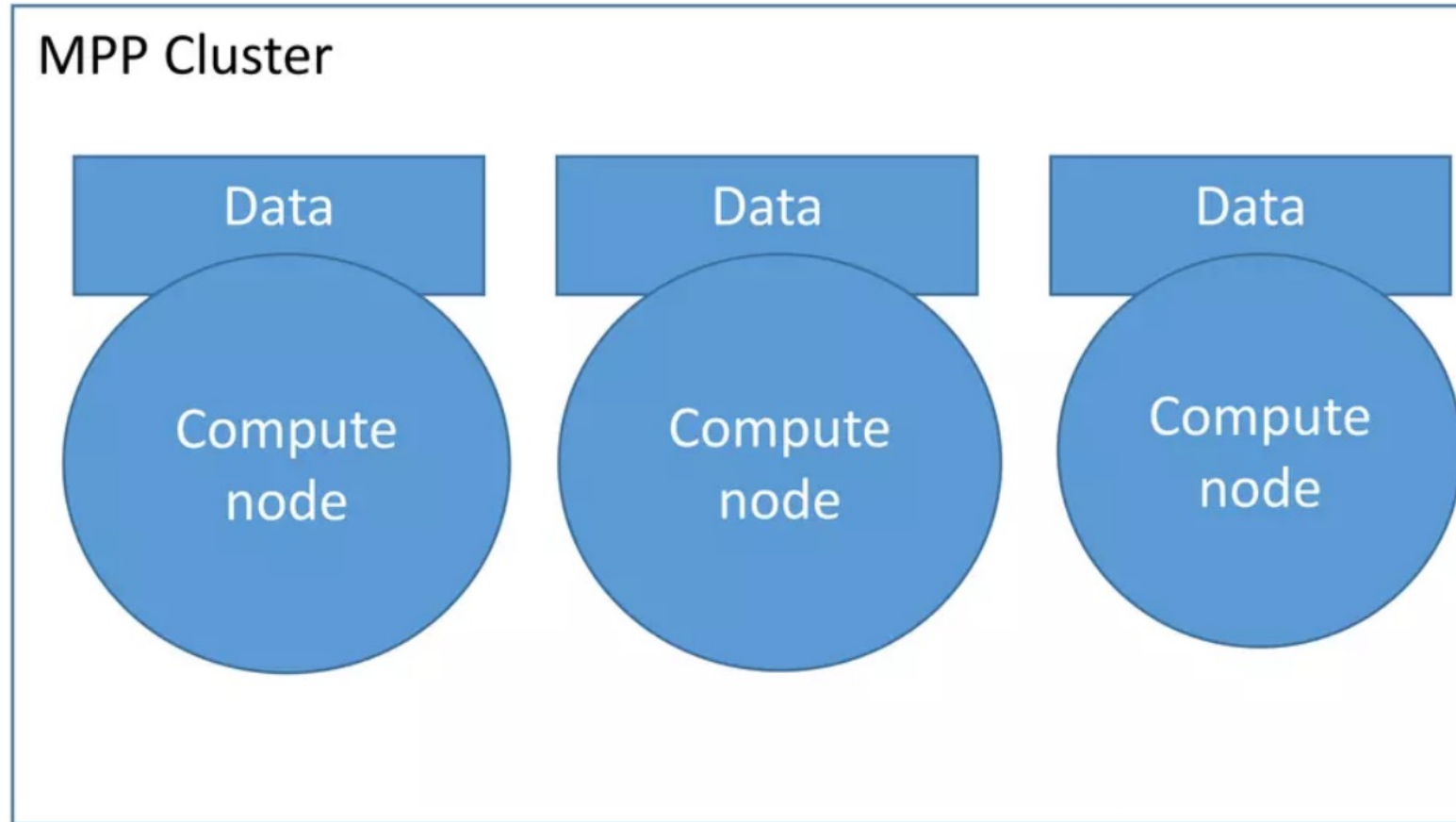
# Shared disk database Architecture







# Shared Nothing Database Architecture





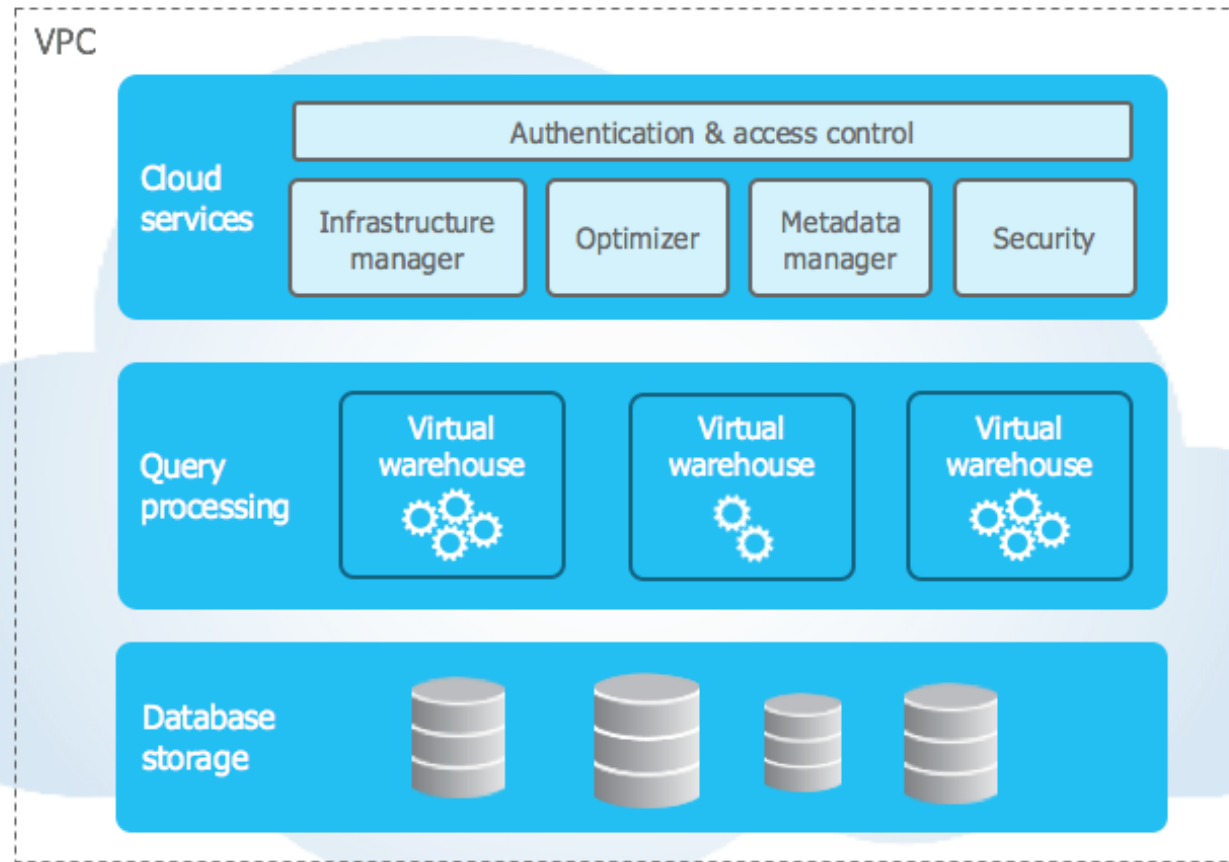
# Snowflake Architecture Layer



- Database Layer
- Query Processing Layer
- Cloud Services



# Snowflake Architecture





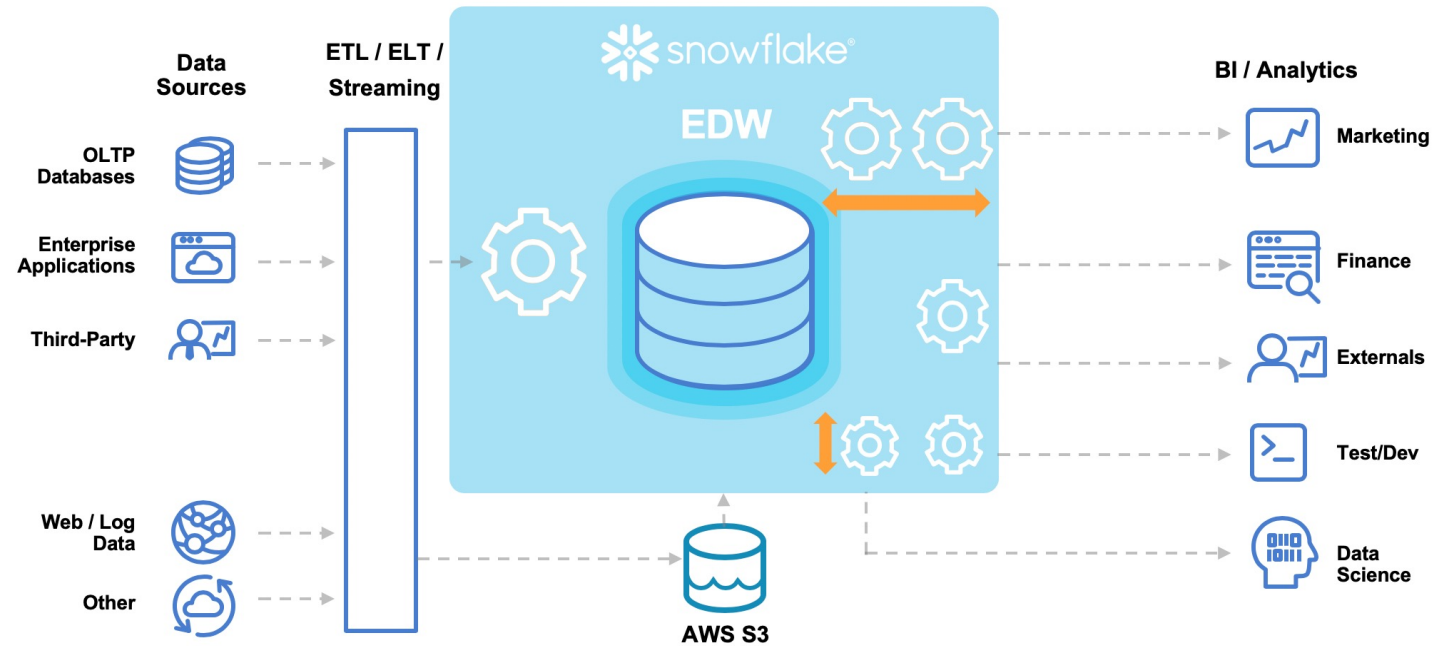
# Snowflake Big Picture Architecture

## SNOWFLAKE MODERN DATA ARCHITECTURE



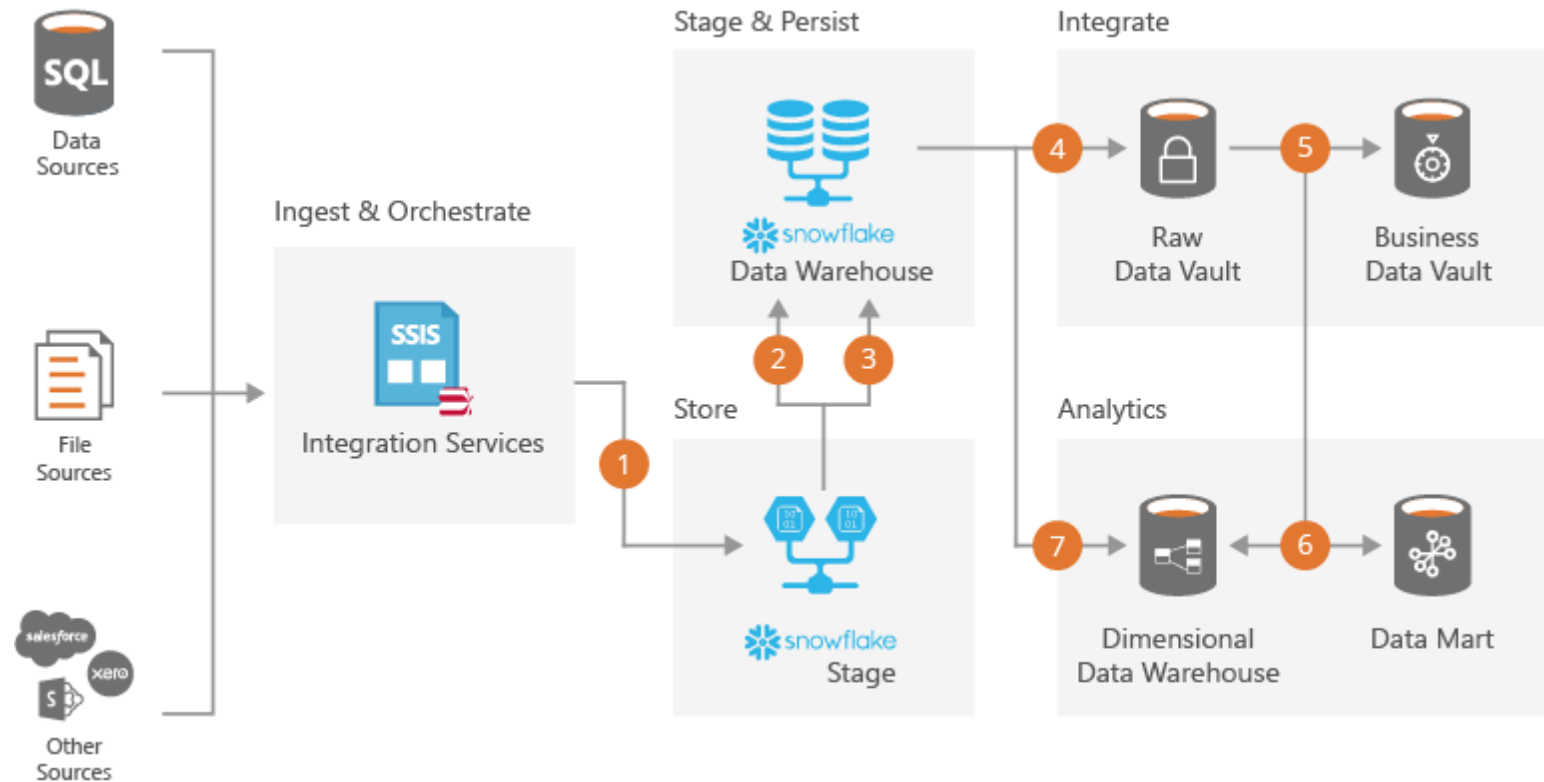


# Snowflake Big Picture Architecture





# Snowflake Big Picture Architecture





<https://www.snowflake.com/en/>

