[https://docs.snowflake.com/en/user-guide/intro-key-concepts.html#snowflake-architecture](https://docs.snowflake.com/en/user-guide/intro-key-concepts.html" \l "snowflake-architecture)

# Snowflake Architecture

Snowflake’s architecture is a hybrid of traditional shared-disk and shared-nothing database architectures. Similar to shared-disk architectures, Snowflake uses a central data repository for persisted data that is accessible from all compute nodes in the platform. But similar to shared-nothing architectures, Snowflake processes queries using MPP (massively parallel processing) compute clusters where each node in the cluster stores a portion of the entire data set locally. This approach offers the data management simplicity of a shared-disk architecture, but with the performance and scale-out benefits of a shared-nothing architecture.

