Introduction
- Goals
- Outline
- Q&A (quick questions before we start)

The Modern Data Warehouse
- Key Analytic Data Challenges of the 2020’s
- Evolution of the Data Warehouse
- Scale, Complexity & Risk
- Operating Cost in the Cloud
- Data Warehousing in the Cloud

Cloud Architecture for the Data Warehouse
- Provider Landscape
- Regions and Zones
- Pricing
- Storage Types and Tradeoffs
- Multi-Cloud
- Trends

Architecture of the Modern Data Warehouse Platform, Part 1
- Parallelism
- Elasticity
- Partitioning/Clustering/Indexing

Architecture of the Modern Data Warehouse Platform, Part 2
- Query Processing
- Joins
- Views, Materialized Views
- Concurrency, Workload Management

Key Cloud Data Warehouse Platforms
- AWS Redshift
- Cloudera Data Warehouse
- Data Bricks
- Google BigQuery
• Microsoft Azure Synapse Analytics
• Oracle Autonomous Data Warehouse (ADW)
• Snowflake
• Teradata
• Others of Interest

Summary Product Matrix
Tips on Choosing Your Platform
Q&A