HPE EZMERAL UNIFIED ANALYTICS

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AGENDA

MODERN DATA ENTERPRISE PARADOX

EMERGING MODERN DATA STACK

HPE EZMERAL UNIFIED ANALYTICS –OVERVIEW AND DEMO

EARLY ACCESS PROGRAM

MODERN DATA ENTERPRISE PARADOX

Data-centric

Faster Insights

Hybrid is the new norm

Data – Diverse, Distributed and Silo'ed

Self-serve data and analytics is hard
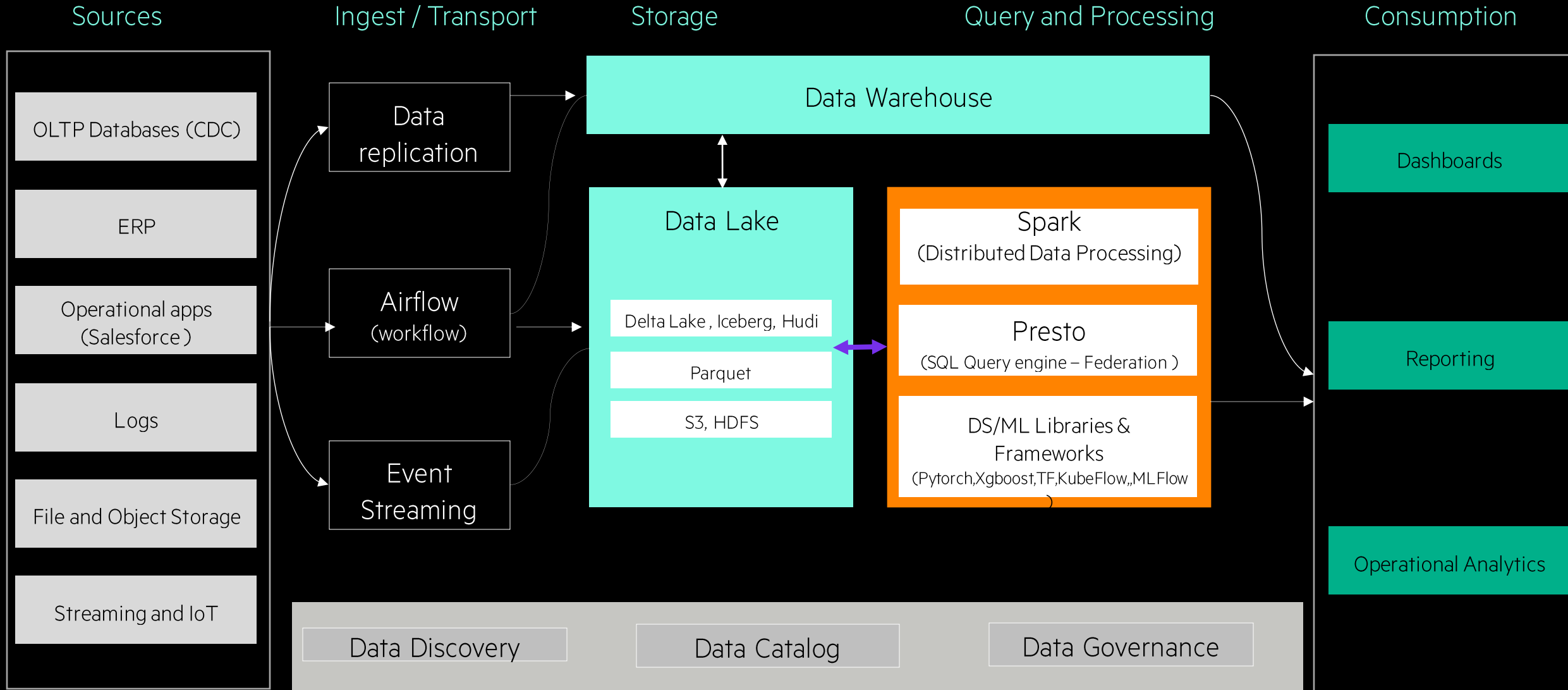
Enterprise Security, Governance , Access controls

Operational efficiencies and consistency in hybrid cloud environments

Skillset scarcity

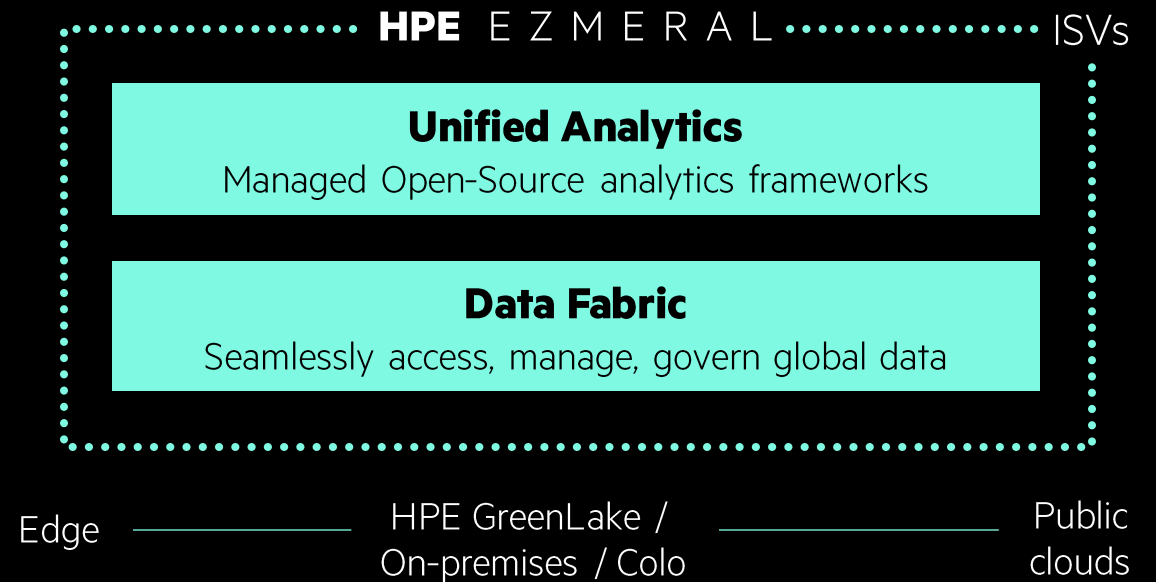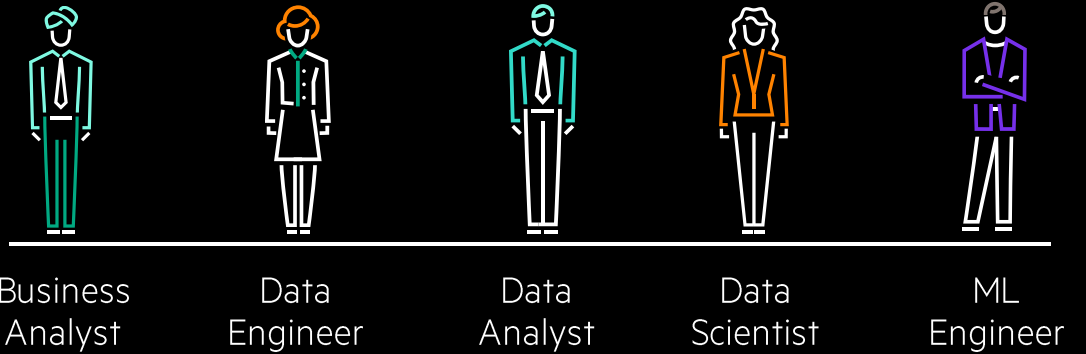OSS is great but hardening, owning lifecycle is hard

MODERN DATA & ANALYTICS ARCHITECTURE

Sources | Ingest / Transport | Storage | Query and Processing | Consumption

OLTP Databases (CDC)

ERP

Operational apps (Salesforce)

Logs

File and Object Storage

Streaming and IoT

Data replication

Airflow (workflow)

Event Streaming

Data Warehouse

Data Lake

Delta Lake , Iceberg, Hudi

Parquet

S3, HDFS

Spark
(Distributed Data Processing)

Presto
(SQL Query engine – Federation)

DS/ML Libraries & Frameworks
(Pytorch,Xgboost,TF,KubeFlow,,MLFlow)

Dashboards

Reporting

Operational Analytics

Data Discovery

Data Catalog

Data Governance

DEMO TIME

THANK YOU

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