

Autonomous AI Lakehouse Iceberg & Data Lakehouse



Today customers can choose between many data platforms



CLOUDEERA



**Autonomous
AI Database**



**amazon
EMR**



**Google
Big Query**

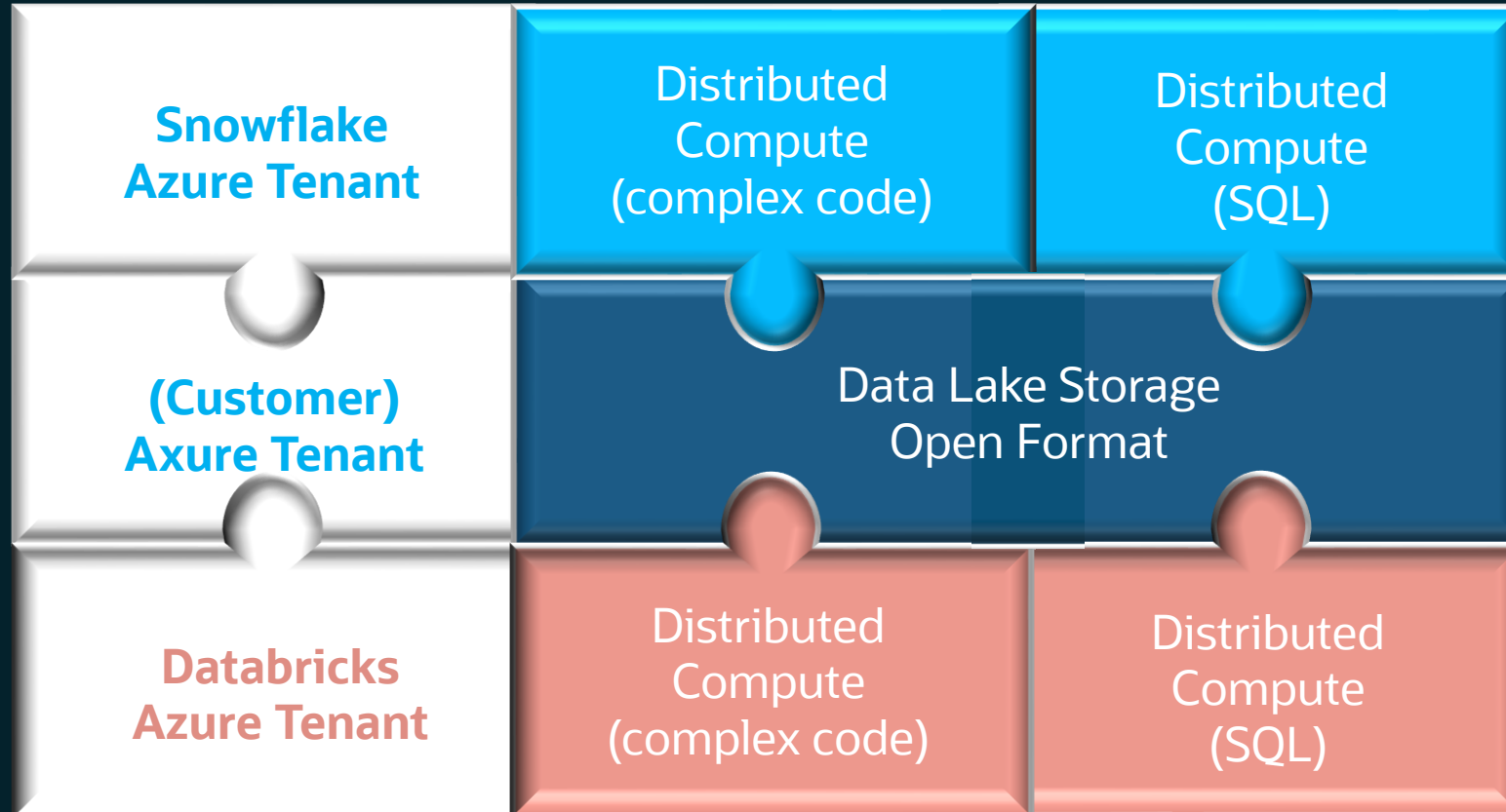


Microsoft Fabric



**amazon
REDSHIFT**

Real-world customer scenario: What value can Oracle bring to the customer?



But also:

- Oracle ULA
- Extensive on-prem database estate
- Multicloud

Oracle Autonomous AI Lakehouse Vision

Enterprise-wide AI and analytics with
the best of Open Table **Iceberg** Data Lake
PLUS the best of **Oracle**



Oracle Autonomous AI Lakehouse

What is new for Iceberg and Autonomous AI Lakehouse

You can now **access your Iceberg data from Oracle**

- With all of the AI of Oracle AI Database 26ai and Autonomous AI Database
- With all of the performance of Exadata
- With all of the analytics of Oracle's converged database

And you can easily **integrate Iceberg with all of your mission-critical data**

Introducing Oracle's Autonomous AI Lakehouse:

Integrate with *any mission-critical system* and *any open-source platform*



Oracle Autonomous AI Lakehouse

Mission-critical systems

ORACLE
E-Business Suite

ORACLE
JD Edwards

ORACLE
Peoplesoft

ORACLE
Fusion Applications

ORACLE
NetSuite

Third-party
Applications

Lakehouses

snowflake

databricks

Microsoft
Fabric

AWS Glue

Google
Big Query

Spark-based
Platforms

Autonomous AI Lakehouse provides a new **built-in data catalog**



Autonomous AI Database Catalog

DATABASES



Oracle
MySQL
SQL Server
BigQuery
Redshift
Snowflake
...

DATA LAKES



Oracle
AWS S3
Azure
GCP

DATA CATALOGS



ICEBERG

AWS Glue
Databricks Unity
Snowflake Horizon

DATA PRODUCTS



Delta Shares
Marketplaces
REST

Unified view of all enterprise data

"Catalog of catalogs" architecture

Enables Oracle Databases to
discover and access data from
other catalogs and sources

Demo

<https://www.youtube.com/watch?v=XubFc-QHgsc>

Complete and Comprehensive

Autonomous AI Lakehouse



ADW Capabilities for Multi-Cloud Warehouses and Lakehouses

Integrated with any open-source platform on any cloud enabled by **Iceberg**

- Data Catalog Iceberg integration
- New 'plug and play' SQL syntax for querying catalog tables
- Data Lake Accelerator
- Transforms writing to Iceberg
- GoldenGate writing to Iceberg