

Oracle Cloud Infrastructure

Automating Data Management for All

Oracle Autonomous Database

Less time on maintenance, more time for data innovation

**On-Premises
Database**



**Managed by
User/Customer**

**Database
Cloud Service**



**Exadata
Cloud Service**



**Autonomous
Database Service**



**Fully Managed by
Oracle**

ATP Reduces Total Cost of Ownership (TCO)

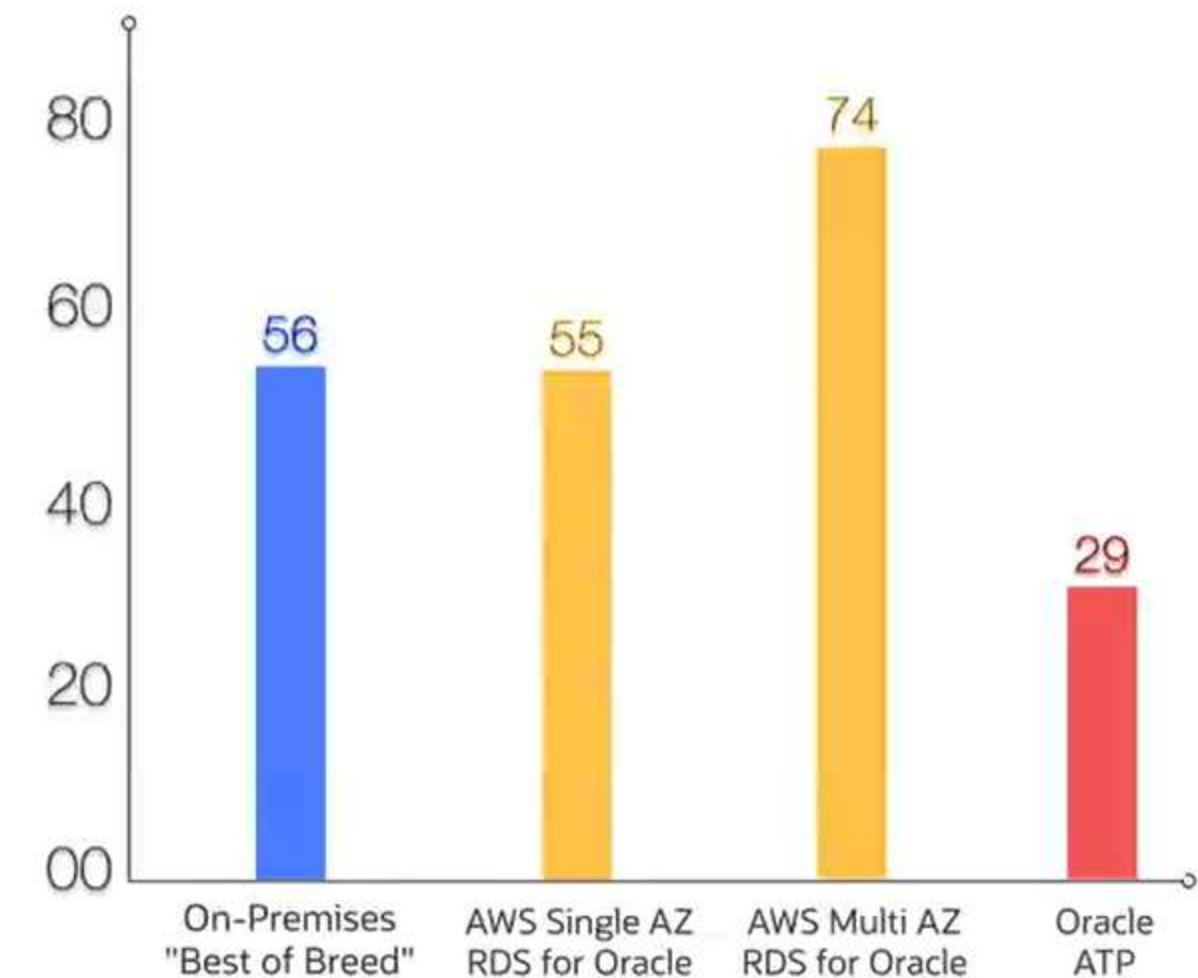
Independent TCO analysis of Autonomous Transaction Processing by Wikibon Research

Autonomous TCO Highlights vs AWS-RDS

- 2.4X reduction in vCPUs required over AWS-RDS with Oracle
- 4.3X reduction in downtime impact, lost revenue from database outages over AWS-RDS
- 2.5X reduction in operational costs

Source: [Wikibon Research](#)

Total Cost of Ownership (\$m)
5-year Budget for Mission-Critical Systems



Manual Migration to Oracle Autonomous Database

Easy to move from Oracle Database 19c on-premises to Autonomous Database

Step 1

Run the Cloud Premigration Advisor Tool (CPAT).

Step 2

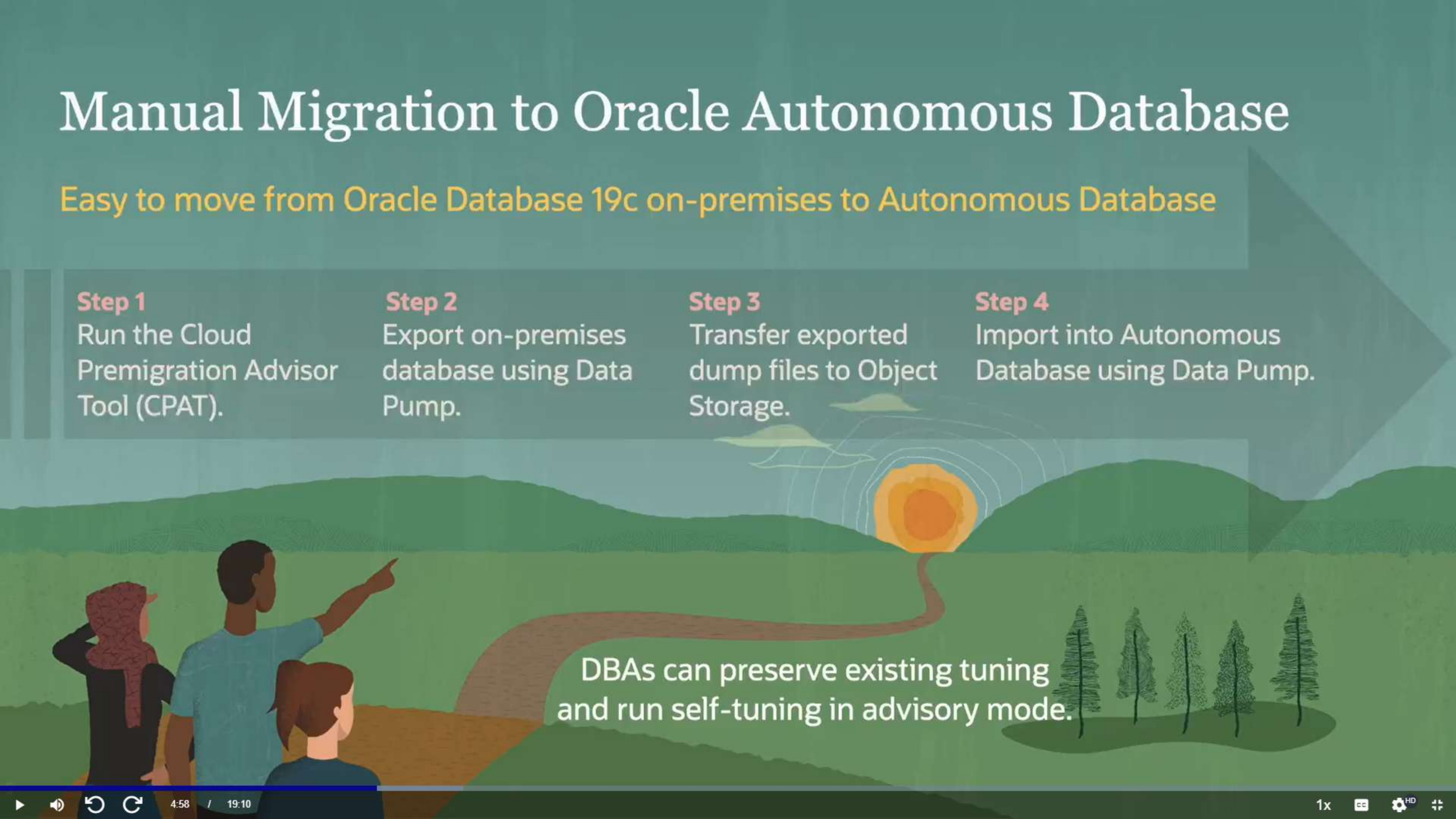
Export on-premises database using Data Pump.

Step 3

Transfer exported dump files to Object Storage.

Step 4

Import into Autonomous Database using Data Pump.



DBAs can preserve existing tuning and run self-tuning in advisory mode.

Automated Migration to Oracle Autonomous Database

Easy to move from Oracle Database 19c on premises to Autonomous Database

Step 1

Register source and target database on the OCI Console.

Step 2

Migrate using OCI Database Migration Service.

DBAs can preserve existing tuning and run self-tuning in advisory mode.

Oracle Autonomous Database

Easy to move a growing set of packaged applications to Autonomous Database

Oracle Applications

- JD Edwards
- PeopleSoft
- Siebel
- eBusiness Suite (coming soon)

Fully Managed Service

- Lets you take entire application stack on the Middle Tier and the Database Tier, move it to the Cloud
- Move Database part to Autonomous Database
- Will also manage Middle Tier

Oracle Autonomous Database

Easy to move a growing set of packaged applications to Autonomous Database

Oracle Applications

- JD Edwards
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SaaS Applications

- MESTEC/Manufacturing
- MineSense/Digital Mining Solutions
- NEC/Retail Applications
- JASCI/Warehouse Management
- Zebra/Lease Management

3rd Party Packaged Applications and Tools

- Agentis/Fleet Management
- AXI/Financials
- Charles Taylor/Insurance
- E-Connect/HR
- Finastra/Banking
- Hangzhou Daiwei /Pharma Market Analysis
- NeoXam/Banking
- SAS/Analytics
- Thompson Reuters/Tax Intelligence
- Zone Trading/Employee Services
- 3rd Party BI, Integration, and Data Science Tools

Source | oracle.com/autonomous-database/tools/



“With Oracle Autonomous Data Warehouse, we now have a scalable, low-cost cloud platform to power our business. This will help sustain growth and free up valuable employee time so they can focus on more mission-critical initiatives.”

Tom Collard

Vice President of IT, TaylorMade

Golf equipment manufacturer moves on-premises data warehouse to ADW platform.

- Utilized existing business analytic tools to rapidly adjust sales strategies as needed
- Reports run 40x faster versus previous on-premises data warehouse solution.
- Self-tuning and self-patching frees IT staff to focus on higher-value analysis.

Oracle Autonomous Database

Great for building low-code apps using APEX

Oracle APEX makes it simple to create low-code data-driven apps.

- Automatically creates an app starting from a spreadsheet or a table

Create an enterprise app in hours, at least 10x faster than coding – fastest time-to-value

- Built-in support for interactive reports, interactive grids, faceted search
- Easily iterate the app to match evolving needs of business

Deep integration with database eliminates the complexity of:

- Middle-tiers, connection management, state management, mapping DB types to app types

Millions of APEX apps in production and over 3K new APEX apps created daily

- Traditional coding of apps should now be the exception rather than the rule.



“APEX and Oracle Autonomous Transaction Processing have helped us reduce our overall system administration and development costs, while providing a highly available and scalable platform with end-to-end security.”

Giovani Cani

Vice President, IT Delivery, Wilson's Truck Lines

Wilson's Truck Lines migrates transportation management app from AWS to ATP database.

- Redeveloped their app using APEX in just 2 days vs 3 months using open source tools on AWS
- 50% reduction in daily yard check time and full automation for transparency and accountability
- APEX further empowers staff with interactive, real-time reports.

Oracle Autonomous Data Warehouse

Great for building data warehouses, data lakes, and machine learning models

Data Sources

Applications

ORACLE Fusion Applications
ORACLE Siebel
ORACLE PeopleSoft
Oracle EBS
Oracle NETSUITE
SAP
salesforce

Databases



Files



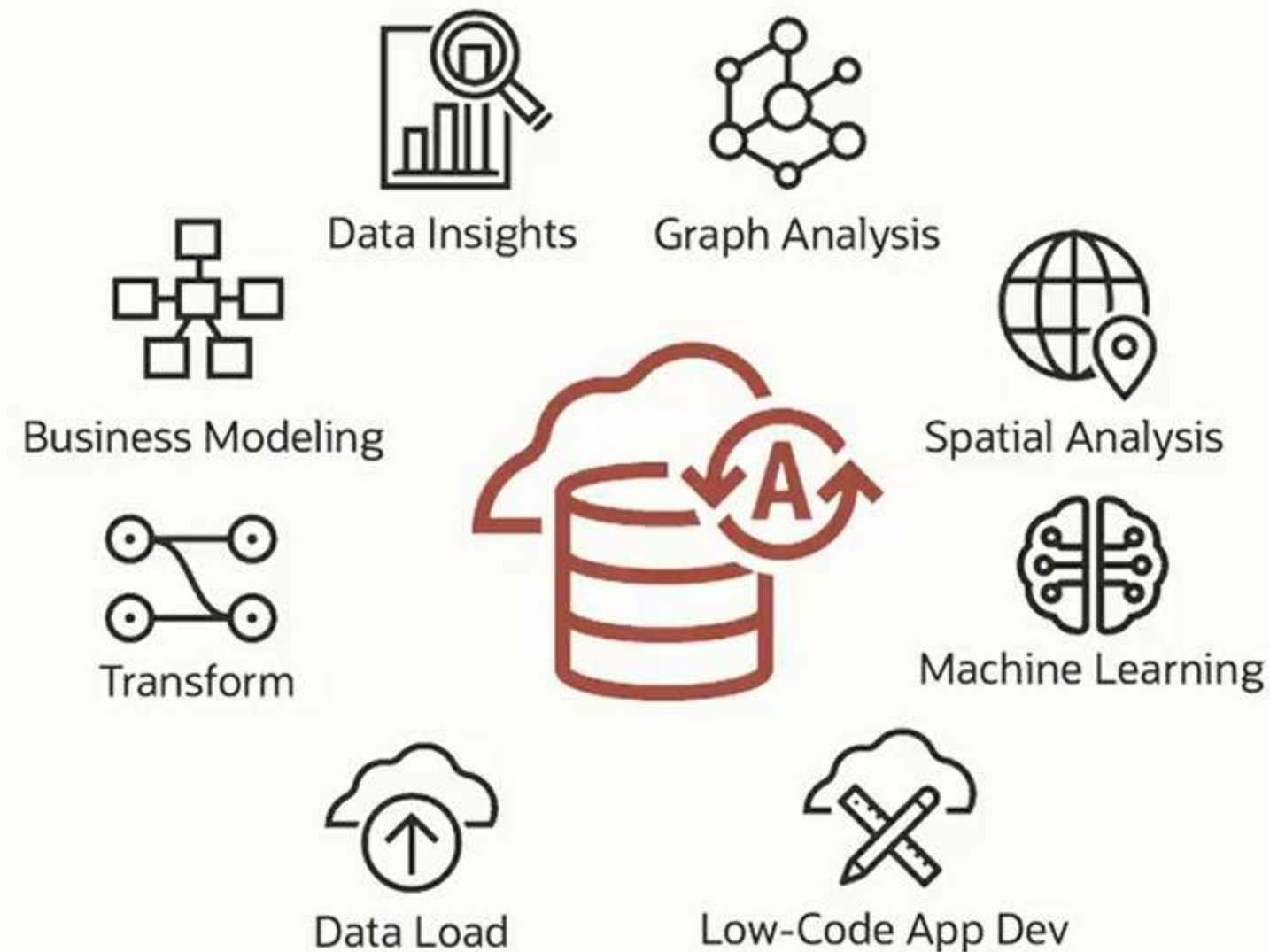
Streaming Services



Data Lake

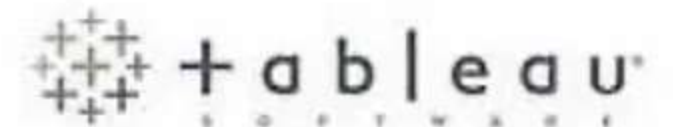


Self-Service Tools



Analytics Tools

ORACLE Analytics Cloud



Business Objects





“Almost all sports now have huge datasets with unique characteristics. Investing in a secure, stable analytics and data science from Oracle Cloud Infrastructure will empower teams like ours to focus on what we’re good at: using our data to deliver more wins.”

Ravi Ramineni

Vice President of Soccer Analytics and Research, Seattle Sounders FC

Seattle Sounders FC migrates all performance and sports science data into ADW and Analytics Cloud.

- Leveraged Oracle Cloud Lift Services to speed its migration to Oracle Cloud Infrastructure (OCI)
- Built an ML model against video data for detecting line-breaking passes that set the team up for a goal
- Automated the identification of a player’s “pattern of play” to assess how each pattern leads to goals
- Pay per use lowers costs.

Easing the Path to Oracle Autonomous Database

Accelerating customer success on Oracle Cloud Infrastructure (OCI)

Bring Your Own License (BYOL) to OCI

Repurpose existing database licenses for a 75% discount

Cloud Lift Service

Free Cloud service to help customers migrate to OCI

- Access to Oracle cloud engineers and premier technical services

Support Rewards Program

The more you use OCI, the more you save

- Earn \$0.25 to \$0.33 in rewards for every \$1 spent on OCI
- Then apply rewards to reduce your tech software license support bill

Try Yourself for Free

Always Free

Autonomous Database
Service you can use for
unlimited time



www.oracle.com/cloud/free/