



Oracle Global Leaders Program

Oracle Autonomous Database Update



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Autonomous Database

Key focus areas for Autonomous Database



Enterprise-Class



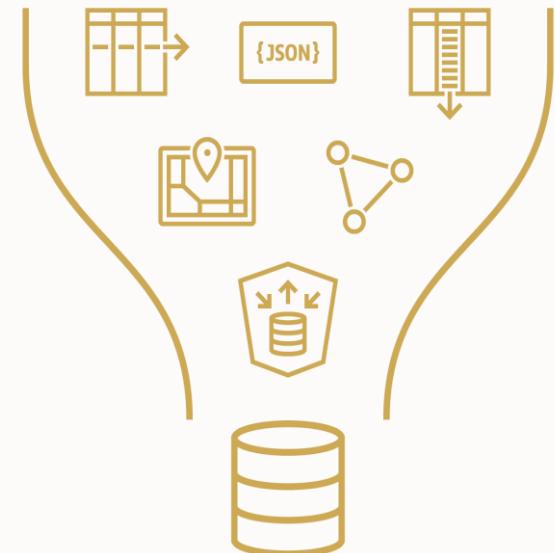
Maximum availability,
scalability, and performance

Self-Driving



True cloud-elasticity
for low cost

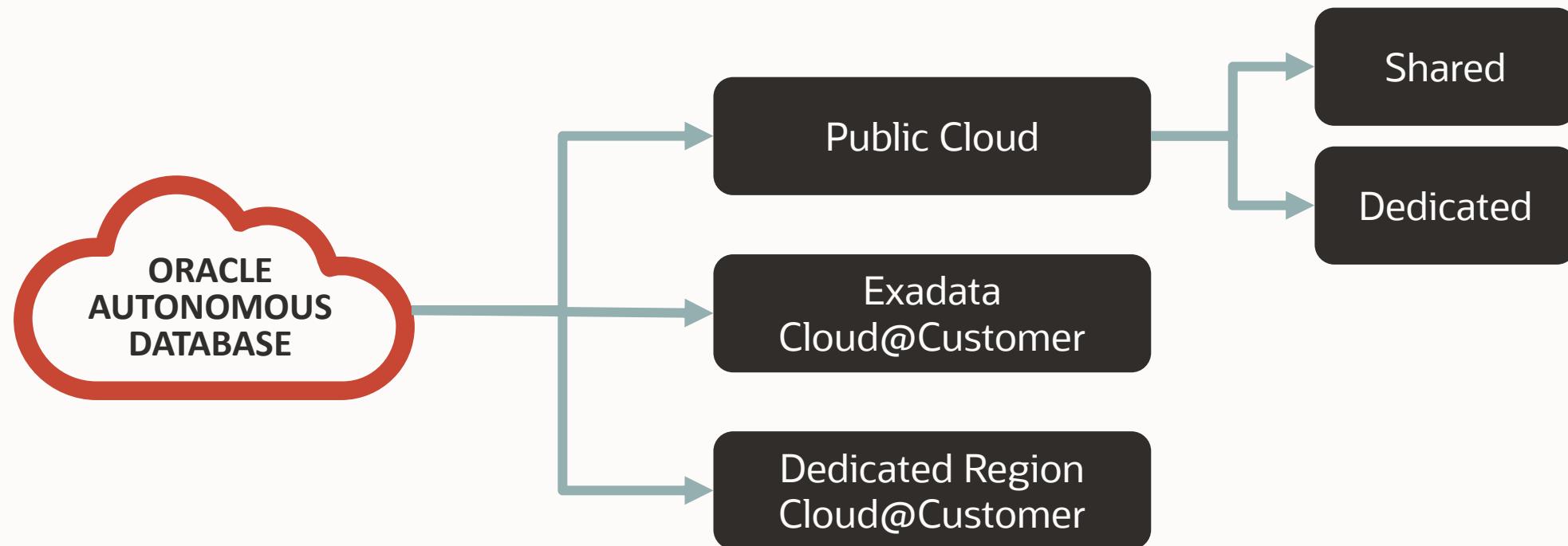
Most Productive



Maximize opportunity with
converged database

Deployment choices for Autonomous Database

Flexible deployment models



Autonomous Database workload types

Optimized for specific workloads



ADW

Optimized for all types of analytical processing



ATP

Optimized for OLTP and real-time operational applications



AJD

Optimized cloud document service for JSON-centric apps



APEX

Low-code development service



Notable **recent** features for Autonomous Database

Enabling a self-service ecosystem for non-IT users

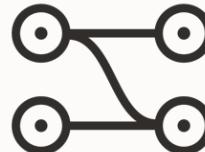


Load



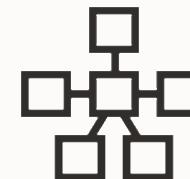
Simple drag & drop loading
[\(DEMO\)](#)

Transforms



Declarative transformations
and data cleansing [\(DEMO\)](#)

Business Model



Automatically create powerful
business models [\(DEMO\)](#)

Insights



Guided discovery of hidden
patterns and anomalies [\(DEMO\)](#)

Graph



Prepare and explore graph
data [\(DEMO\)](#)

ML Model



Easily create models with
AutoML [\(DEMO\)](#)

Deploy



Integrate ML models into
apps via REST or SQL [\(DEMO\)](#)

Build



Low-Code app-dev platform
(APEX)

Notable **recent** features - automated data protection

Highly available out of the box, 99.95% SLA with cross-region Autonomous Data Guard



Built-in highly-available,
self-healing infrastructure

Automatic recovery for
server/storage failures

Autonomous Data Guard



Primary
(Ashburn)

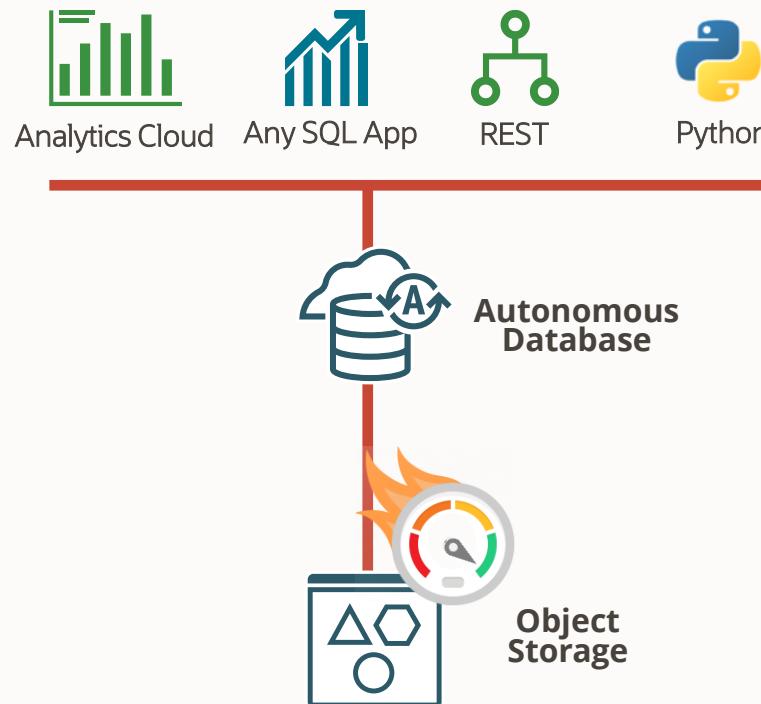
Standby
(Phoenix)

Enhanced protection against
disasters

Now with cross-region standbys

Notable **recent** features – smarter, faster data lake queries

Queries over Object Storage just got transparently smarter and faster



Scale-out data lake smart scans

- Smart scanning: partition + predicate pushdown
- Reduce impact on your database workload
- Object store processing is isolated from DB cores

Automatic and transparent

- Engages only when necessary
- Uses auto scale to augment database compute for the life of the query

Notable **recent** features – integration with OCI Data Catalog

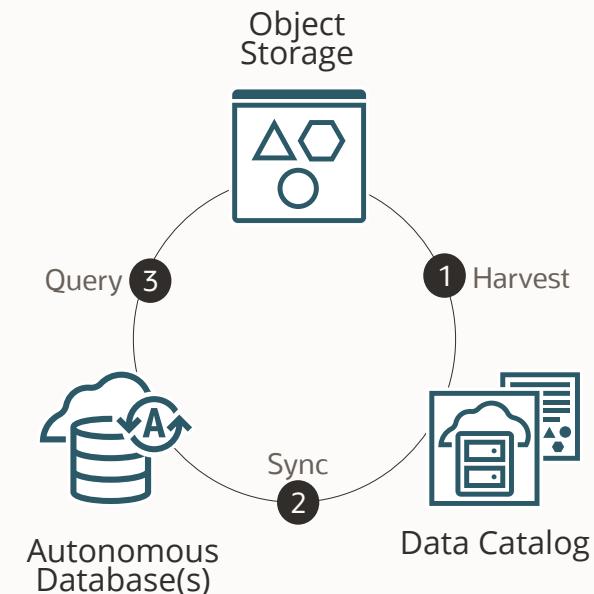
Autonomous Database acts as both source and consumer of information in data catalog

Data Catalog is the source of truth for Object Storage metadata

- Harvest object storage to derive schemas
- Manage business glossary, terms and tags
- Discover data using powerful search

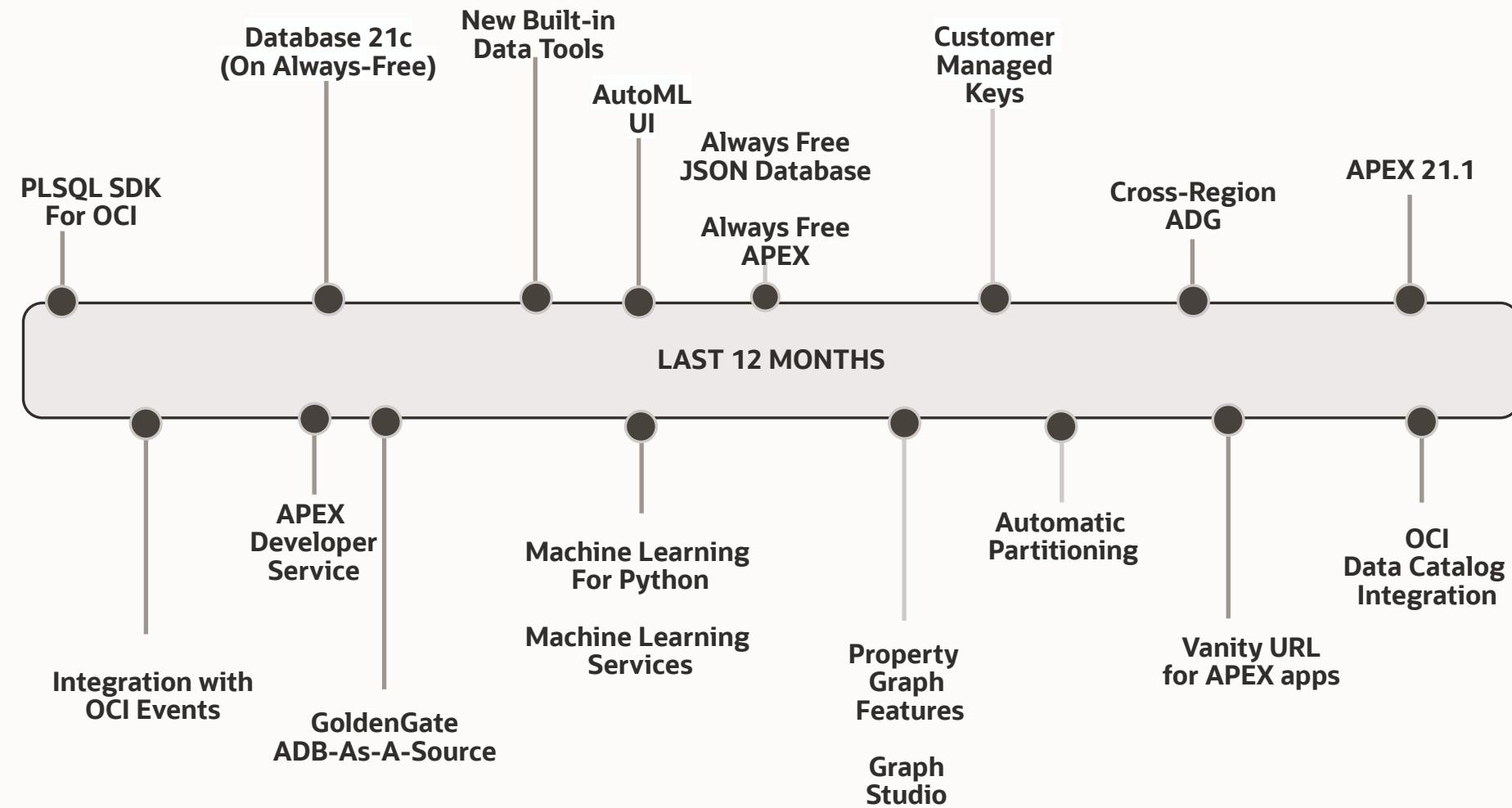
Use Autonomous Database to discover and analyze data sets

- SQL to query both object storage metadata + data



New features delivered in last 12 months

Autonomous Database (Shared)



Where to hear and learn about new features



Documentation: What's New in Autonomous Database

<https://docs.oracle.com/en/cloud/paas/autonomous-database/adbsn/index.html>

<https://docs.oracle.com/en/cloud/paas/autonomous-database/adbam/index.html>

Monthly Newsletter

<https://blogs.oracle.com/datawarehousing/category/dwh-newsletter>

Introductory blog post - [how to subscribe](#)

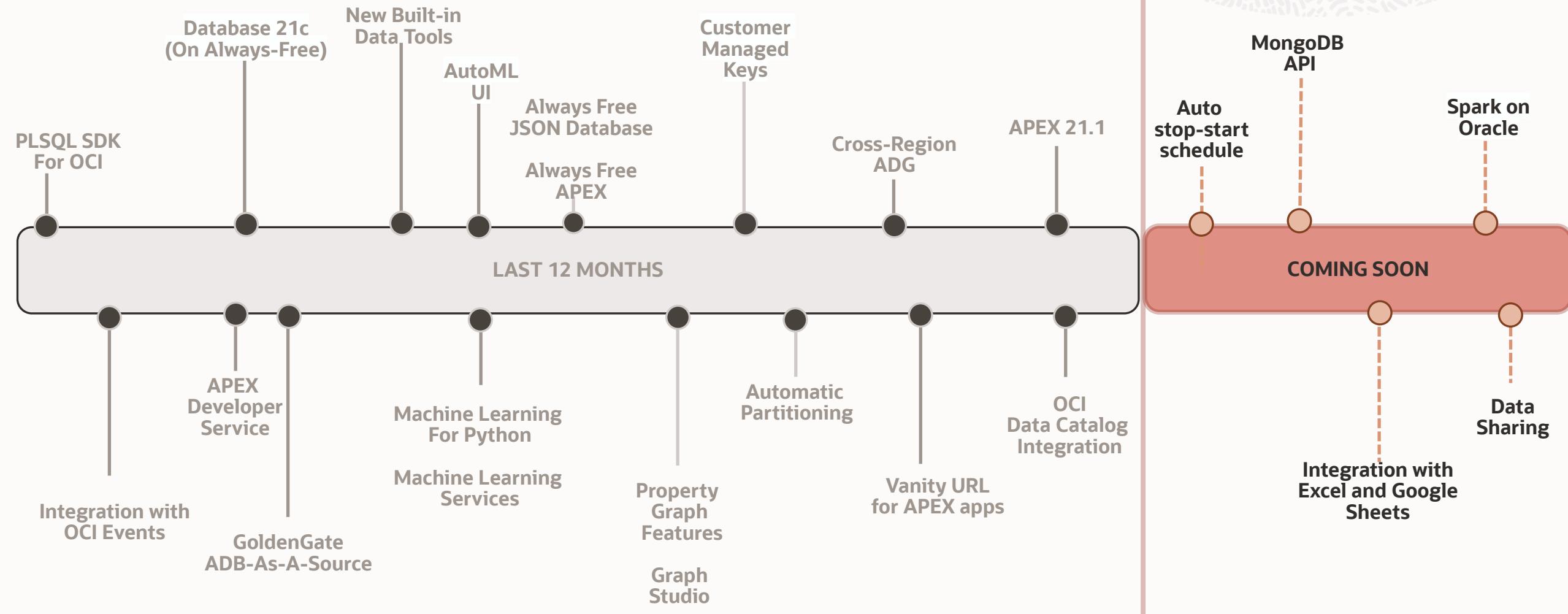
Oracle Data Warehouse Solutions YouTube channel:

<https://www.youtube.com/playlist?list=PL-zBCcmcC63tT0zoGbOoP7I84q8y9McW8>

We want you to leverage the full value of Autonomous Database!

Looking further ahead – notable roadmap features...

Autonomous Database (Shared)



Notable **roadmap** features for Autonomous Database

Theme: Self-service



Auto stop and start schedule for ADB instances

- Automatically starts and stops based on date-time schedule
- Reduce costs by scheduling shutdown periods for times when a system is not in use

Oracle API for MongoDB

- Access JSON in ADB using MongoDB API's, drivers and tools

Excel / Google Sheets integration

- Easy access to data in Autonomous Database from spreadsheets

Data Lake integration

- Spark-on-Oracle: Efficient queries over data within Autonomous Database from Spark

Data Sharing

- Simple sharing of data sets between databases

Notable **roadmap** features for Autonomous Database

Theme: Cloud-native and multi-cloud



ADB today integrated with all core OCI capabilities

ORACLE