

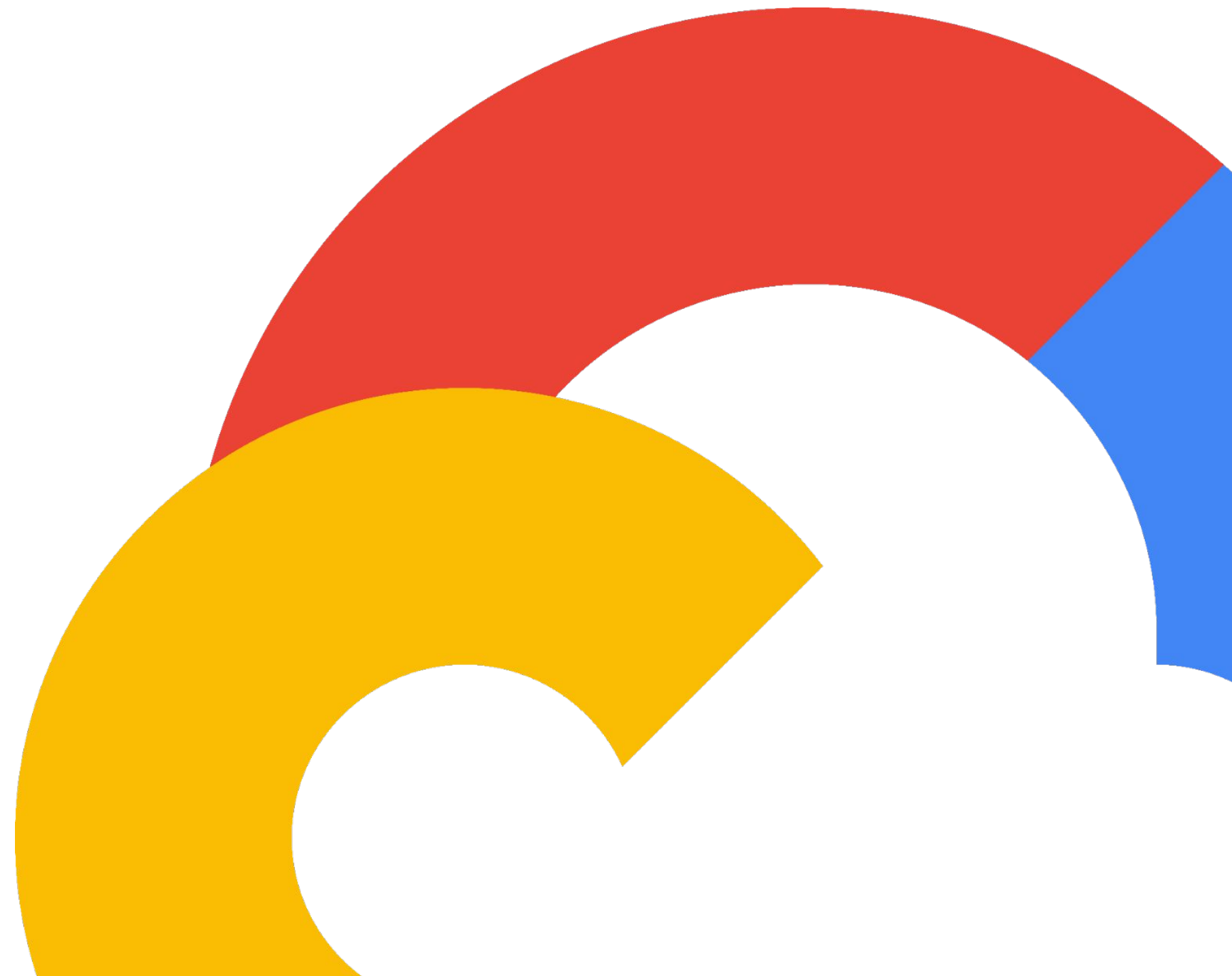
Denver RMOUG25



Google Cloud

Supercharge your Oracle databases and applications with Google Cloud

Google Cloud





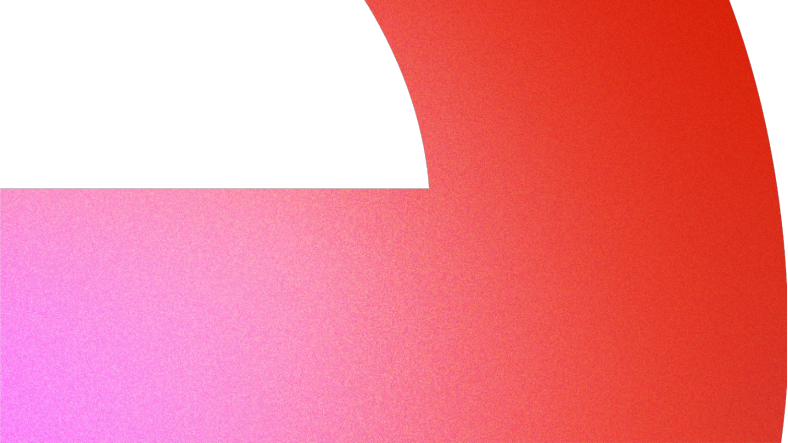
Maria Zuliani

Oracle on Google Cloud,
Public Sector Specialist

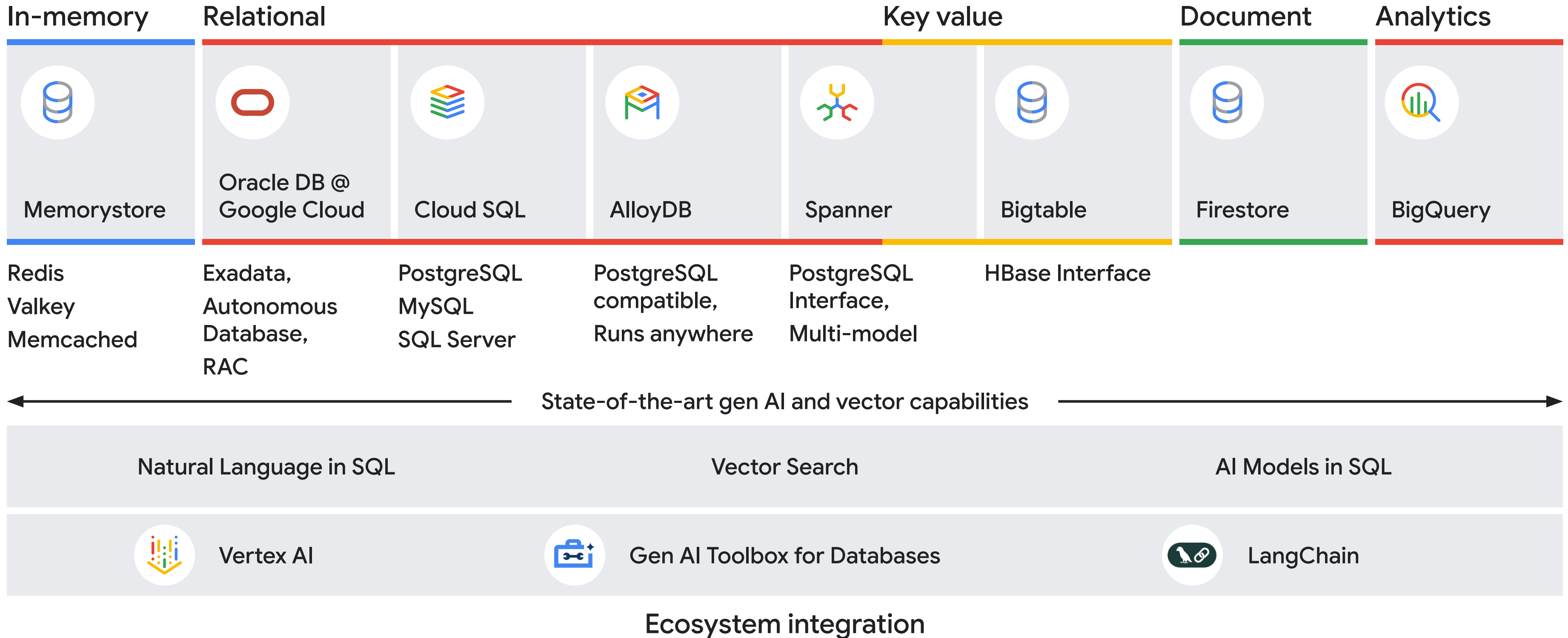


Brant Scalan

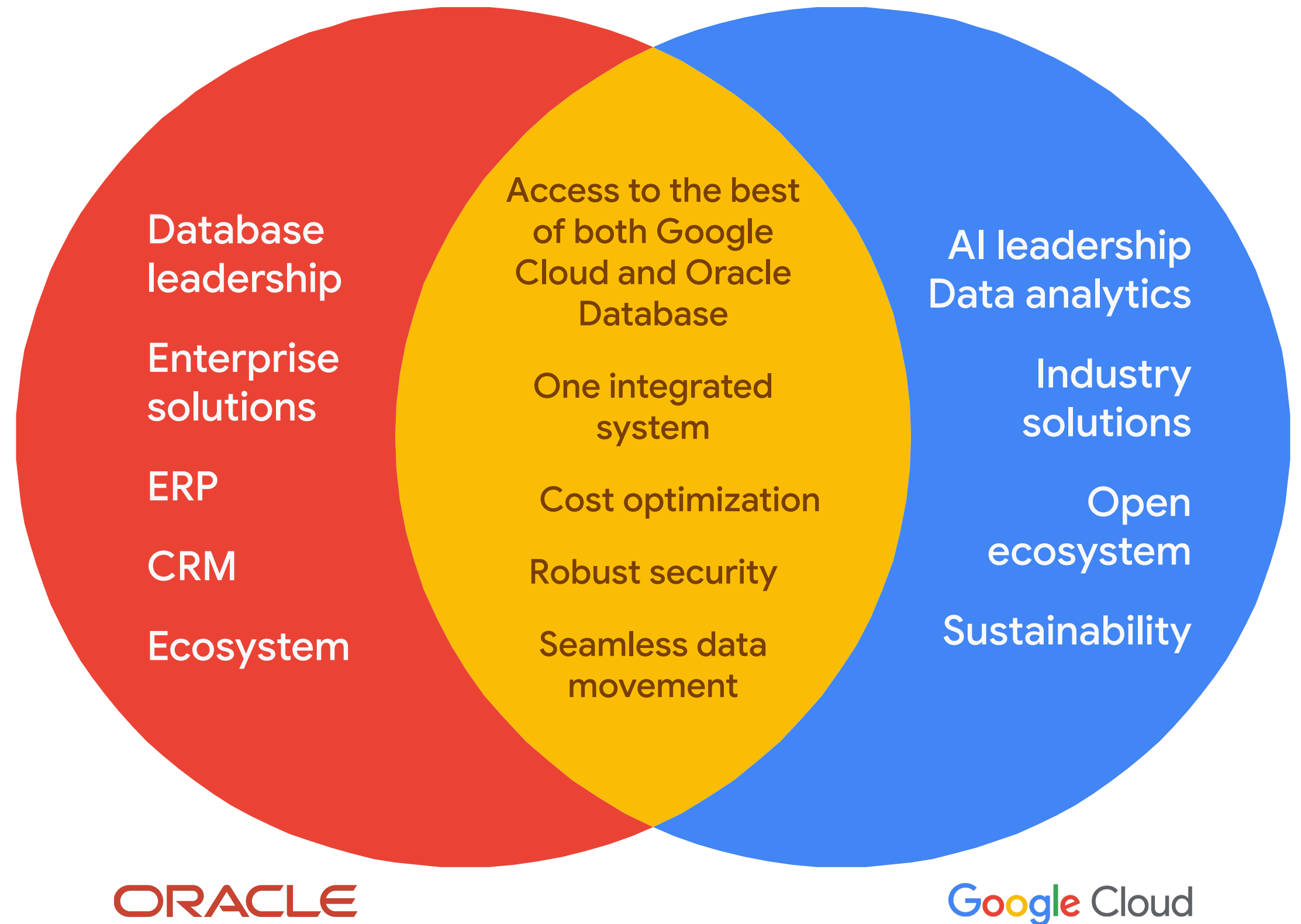
Platform Engineer,
Infrastructure Engineer

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- 01 Oracle at Google
 - 02 AI Integrations
 - 03 App Enablement
 - 04 Live Demo!
 - 05 Q&A

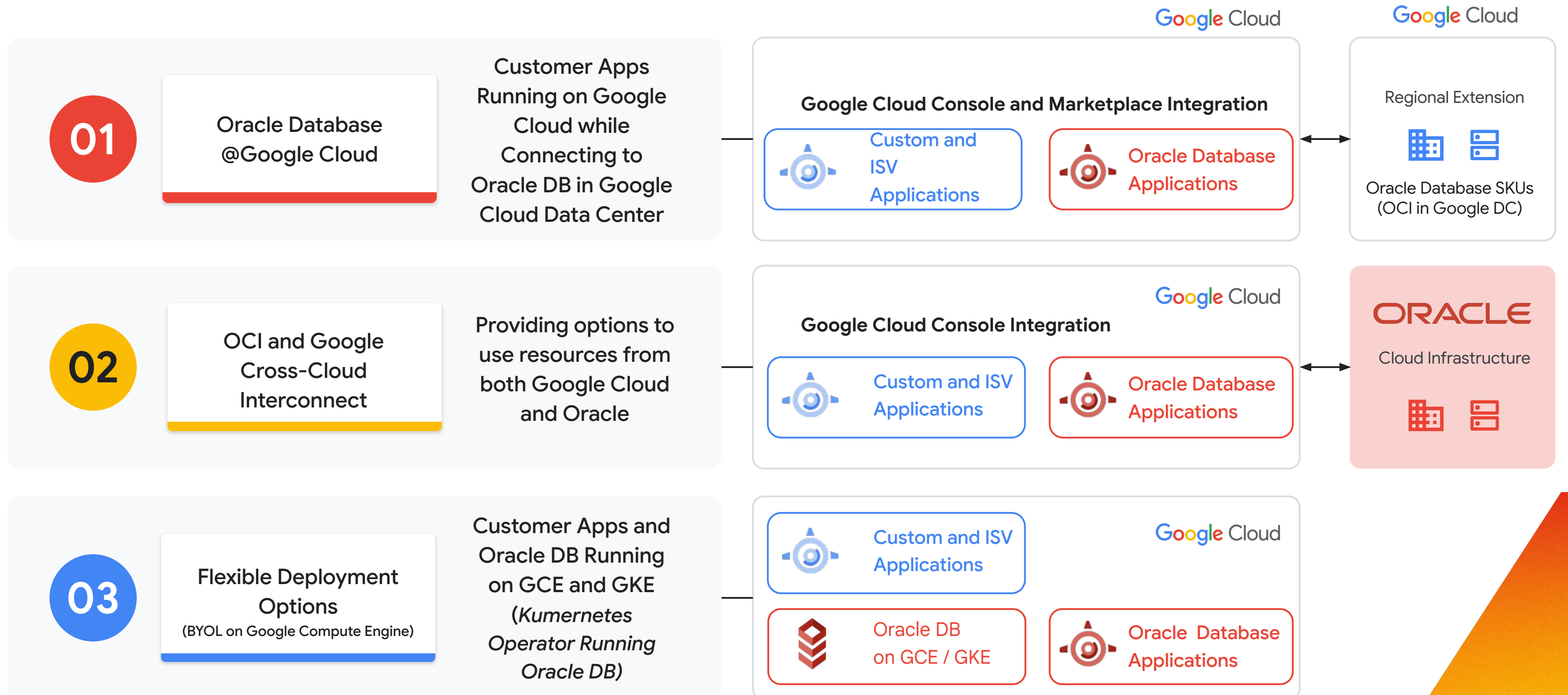
Google Cloud Databases



A powerful combination of leading capabilities for modernization and innovation



Oracle + Google Cloud offerings



A fully integrated experience with Oracle Database@Google Cloud

Native Google Cloud console and API experience. One place for monitoring, ops, billing, etc. Leverage both Google Cloud and Oracle skills to deploy and run Oracle database services such as Oracle Exadata Database Service and Oracle Autonomous Database in Google Cloud.

Fast, cost effective, and low risk data center exit strategy without database re-platform

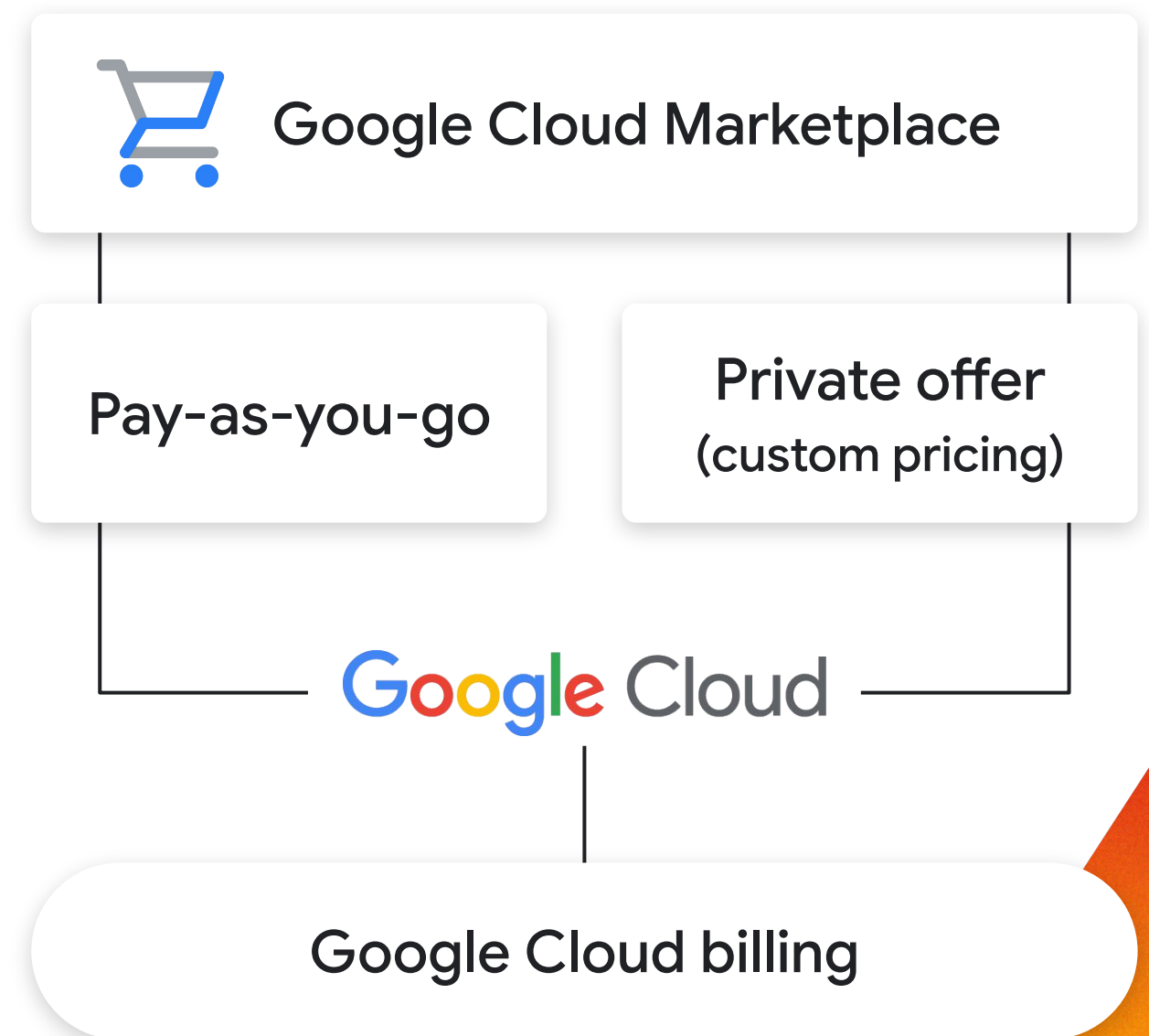
Leverage Google Cloud's AI, analytics, and ML, and Oracle Database 23ai, capabilities for accelerated insights

Modernize with cloud-native DevOps and fully managed Autonomous Database

Full fault tolerance with redundant hardware and software built-in

Easy access and deployment of Oracle Database@Google Cloud

- Frictionless end-to-end experience across purchasing, billing, and collaborative support
- Purchase through Google Cloud Marketplace using your Google Cloud Commitments and get a single bill (can be eligible for commit draw downs)
- Option to use existing Oracle Database licenses and accrue the same Oracle Support Rewards as when using OCI directly



Connect applications and services with Oracle Interconnect for Google Cloud

Connect Google Cloud and Oracle Cloud Infrastructure over a low latency, secure, and integrated interconnect—without incurring cross-cloud data transfer charges.

Smooth,
multi-cloud
experience for
optimal flexibility

Low latency
between clouds
while keeping
traffic private and
secure for optimal
performance

Zero-cost data
transfers over the
cross-cloud
environment

On-demand
virtual
connections are
provisioned in
minutes

Streamlined
support with
proactive
monitoring and
alerting

Flexible deployment options on Google Compute Engine & Google Kubernetes Engine

Run mission-critical database applications on Google Cloud GKE and GCE, offering a highly-secure and extremely reliable infrastructure.

Unifies cloud experience with exceptional performance, scalability, and enhanced security

Enables modernization and innovation through integration with Google Cloud AI and machine learning capabilities


Helps streamline operations and reduces costs through efficient deployment, monitoring, and maintenance

Provides storage flexibility with options for easy creation, attachment, and detachment of storage volumes

What's New?

Innovative New Capabilities:

 **Oracle Base Database Service**
Full-featured Oracle Database cloud instances with Simple and Efficient database lifecycle management

 **Oracle Exadata X11M**
The latest generation of Oracle Exadata machines with enhanced performance and scalability for demanding database workloads.

 **20 Oracle Database@Google Cloud Locations**
We're adding Oracle Database@Google Cloud presence in Australia, Brazil, Canada, India, Italy, and Japan

Base Database Service



Oracle Database service
in VMs on shared compute

Co-managed

Full administrative control

Choice of 3-tiers of Oracle
Database License-included or
BYOL

Limited Preview Coming Soon

Oracle Database@Google Cloud & Cross-Cloud Interconnect partnership with OCI

● 2024 Oracle Database@Google Cloud GA

● 2025 Oracle Database@Google Cloud Expansion

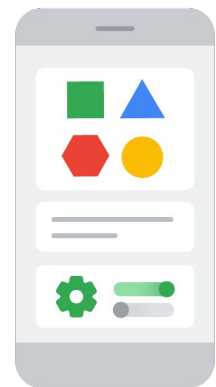
● 2025 Cross-Cloud Interconnect Expansion



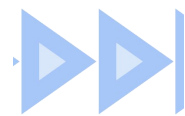
Streamline Oracle and Application Migration with Google Cloud

Google Cloud delivers enhanced scalability, cost efficiency, and improved performance with seamless integration and advanced security features

Application Layer

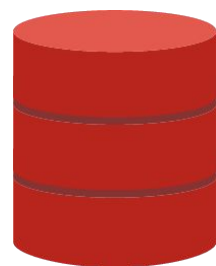


- Custom Apps
- Oracle ISVs
- Oracle Middleware
- Oracle Applications

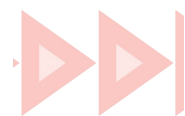


- GCE / GKE / Cloud Run / GCVE

Database Layer



- On-Premise
- Other Clouds



- Oracle Database@Google
- GCE / GKE / GCVE

- Scalability & Flexibility
- Advanced Security
- Global Infrastructure
- Cost Efficiency
- Data Analytics & AI Integration
- Sustainability
- Multi-Cloud Integration

Customer Use Case

Sabre

About Sabre



Travel Industry Leader

More than half a century in the travel technology business. Datacenters geographically spread across the world, some dating back to 1972.

Managing Critical Travel Systems

Oracle databases are central to operations like hotel shopping and check-in, airline check-in, travel management, reservations booking, and more.

Large Scale Deployments

Sabre runs more than 1,000 Oracle databases today. Database platforms are built to scale during high-profile events and travel-impacting weather situations.



Over the past three years, Oracle on Google Compute Engine has been exceptionally stable. We have almost a thousand databases running and we've only encountered a handful of unplanned events. Even then, it was just a short 5-minute instance reboot.”

Sherri Trojan, Sr Principal Cloud Solution Architect, Sabre



Challenge: SFWMD needed to automate and improve its method for monitoring hydroperiods—the timing, duration, and depth of water coverage—across 40 square miles of the Kissimmee River's floodplains to better manage the delicate ecosystem and advance restoration efforts.

Products used: Google Earth Engine, Vertex AI, Cloud Run, BigQuery, Gemini

Resources:

[Case study \(June 2025\)](#)

Florida is protecting and restoring the Everglades with Google AI

The South Florida Water Management District (SFWMD) and Google Public Sector developed a tool using Google Earth Engine and Google AI solutions to quantify Kissimmee River floodplain restoration benefits. This tool measures hydroperiod across 40 square miles of wetlands, improving understanding of restoration effectiveness and enabling rapid, interactive evaluation.

10 months end-to-end development and deployment

Data processing times reduced from **hours to minutes**

Interactive, user-friendly interface for scientists and administrators



Previously, when explaining results from our original hydroperiod tools, I needed to begin every discussion with a whole process of describing functionalities and technical details, especially in meeting presentations. But now, Google Earth Engine makes it much easier to visually present our findings in a concise, interactive format.”

Laurence Spencer

Senior Scientist, The South Florida Water Management District

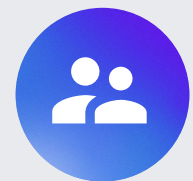
Your **AI** needs to be
fueled by your
business data

Your **business data**
needs to be
unlocked by AI



Google's AI-ready Data Cloud

Any user



Data teams



Business users

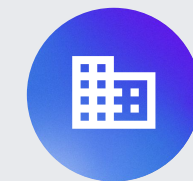


Decision leaders

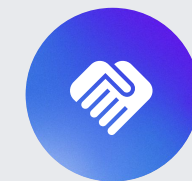
Any use case



Solution accelerators



Line of business and industry



Partner integrations

Databases



Oracle DB



Cloud SQL



AlloyDB



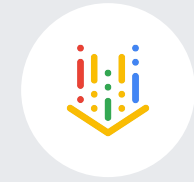
Spanner

Data analytics



BigQuery

AI and ML



Vertex AI

Business insights



Looker

Gemini foundation models (text, chat, code, video, image, audio), open source, and 3rd party AI models

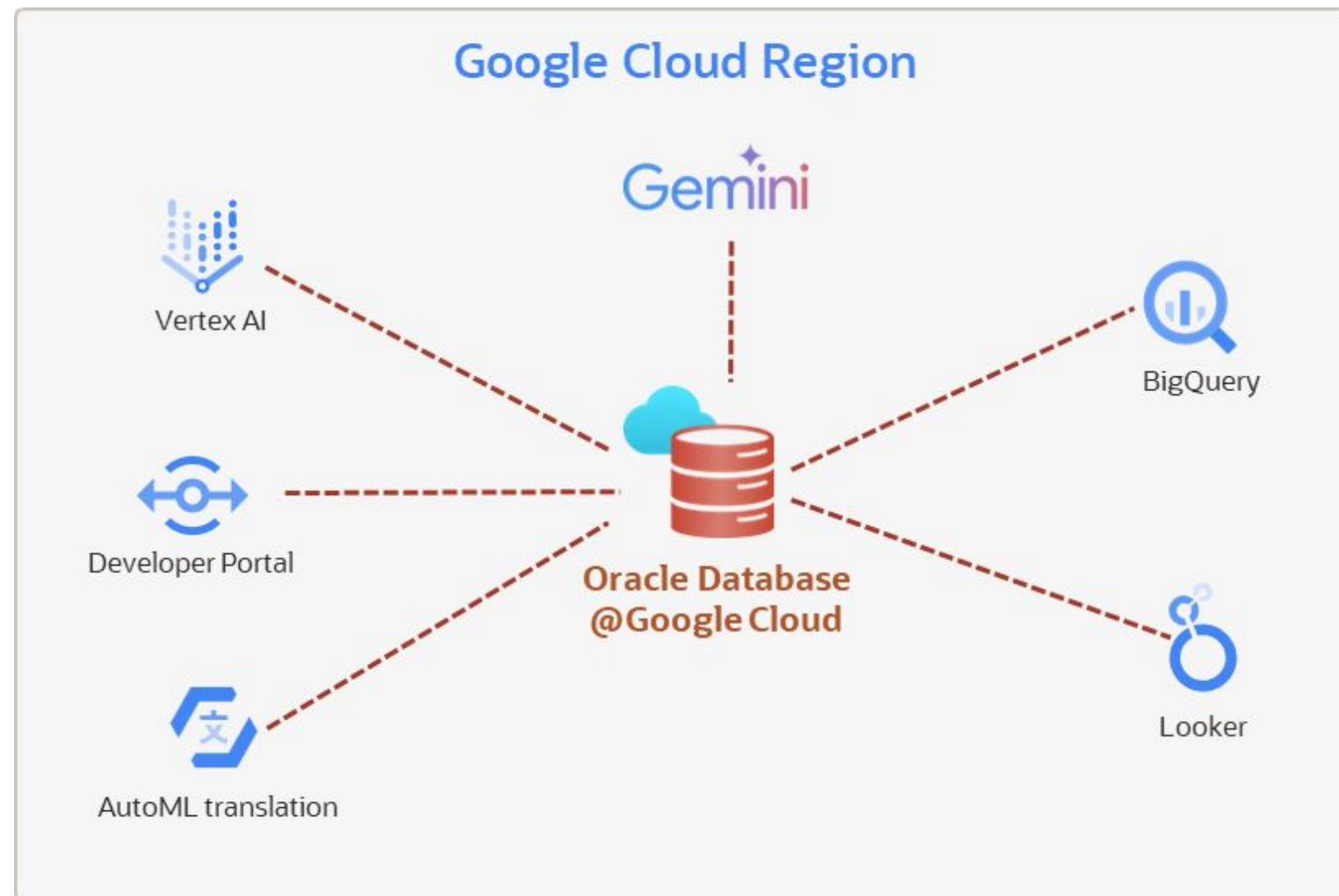
Google Cloud GPUs/TPUs

Run across clouds / on prem

Govern data & AI

Most open ecosystem

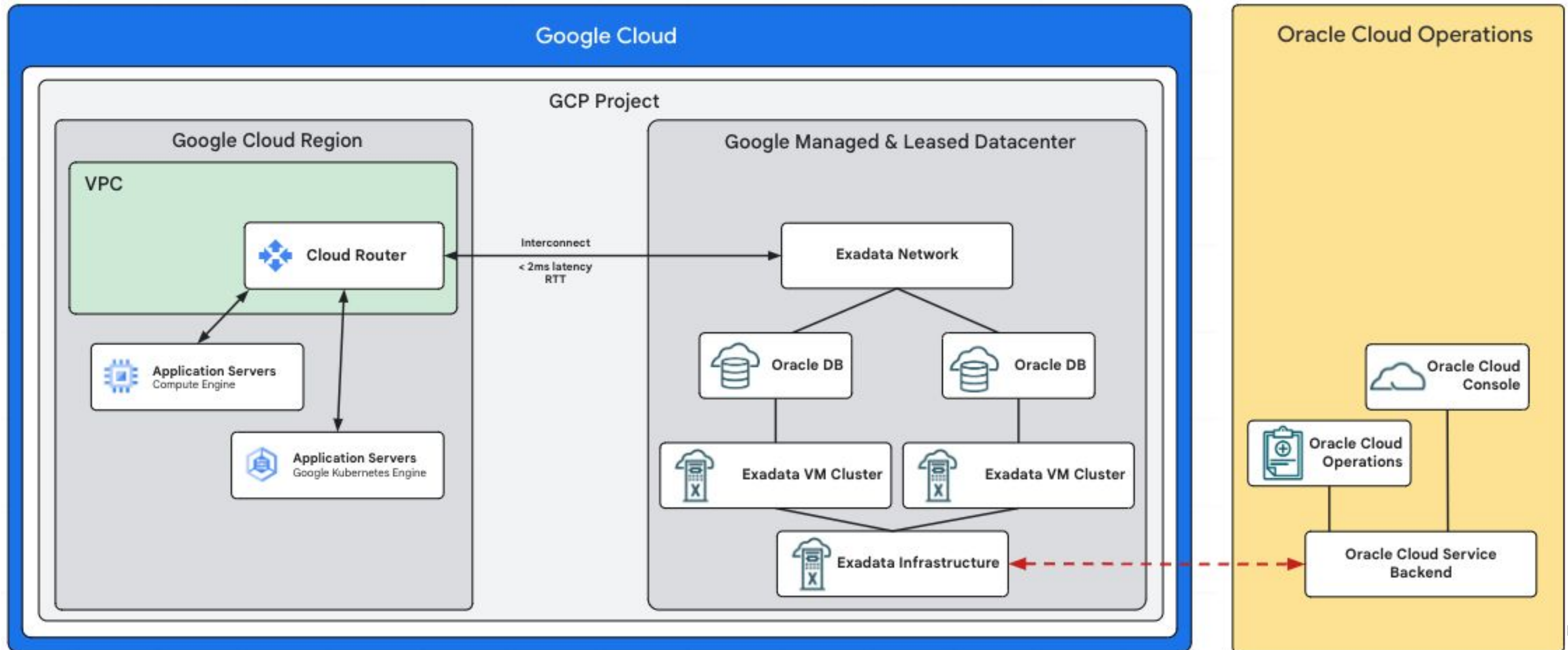
Google Cloud's strengths in Data and AI complement Oracle's database expertise



- **Bringing down the data silos** - Build end-to-end Analytics and AI applications, leveraging your entire enterprise data estate, *without worrying about data replication*
- **Building best of breed AI** - Leverage your data to build new AI models or better ground existing models and create unique specialized agents with Google Vertex AI Agent Builder
- **From insights into decisions faster** - Combine Oracle Database capabilities in Oracle Database 23ai with Google Cloud analytics like BigQuery and Looker to extract business insights and drive decisions faster

Oracle Database@Google Cloud

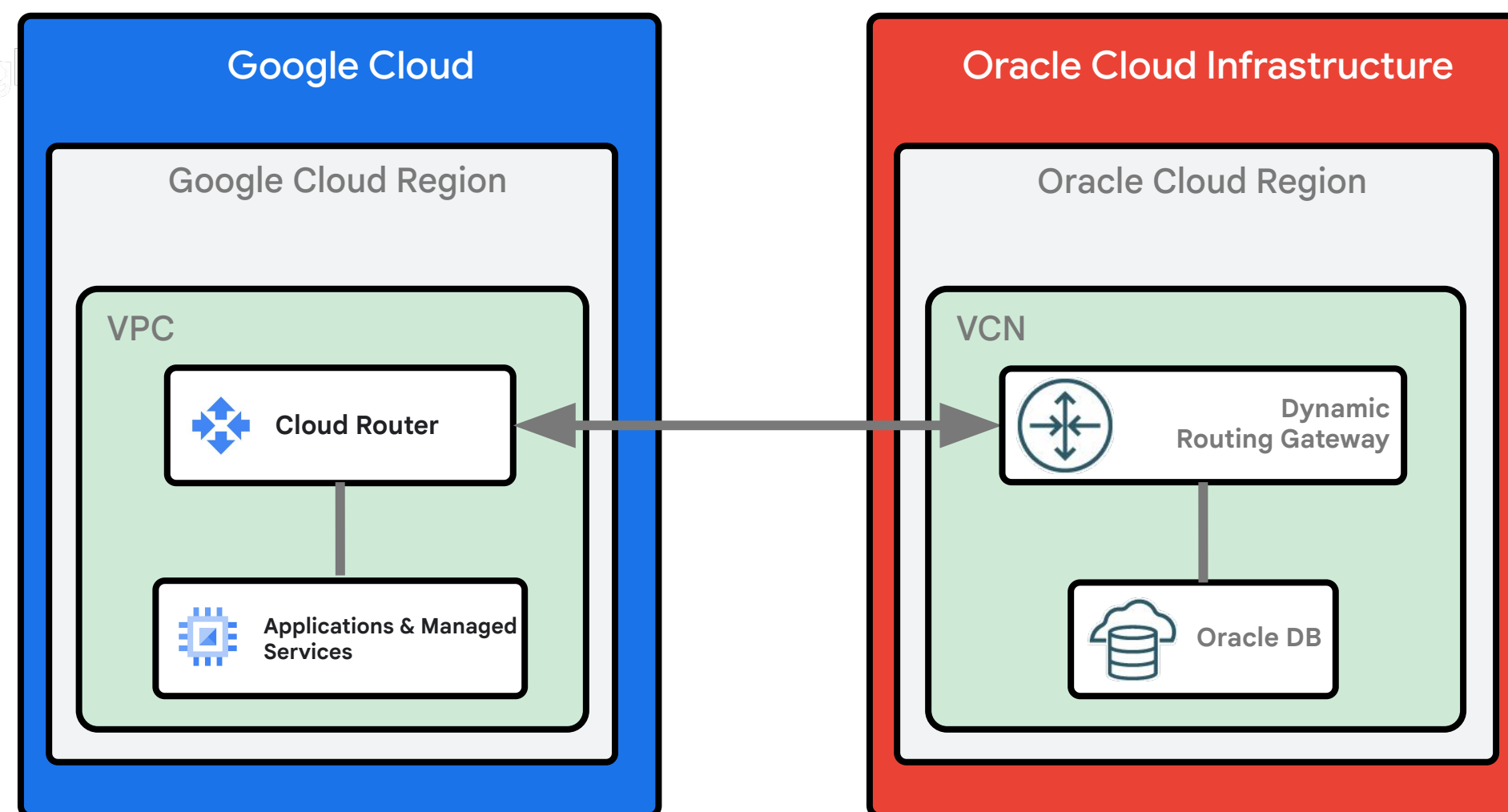
- Customer can deploy multiple VM clusters on a single Exadata infrastructure
- Oracle Cloud Operations maintains backend monitoring of infrastructure



Cross Cloud Interconnect with Oracle Cloud Available in Q3, 2024

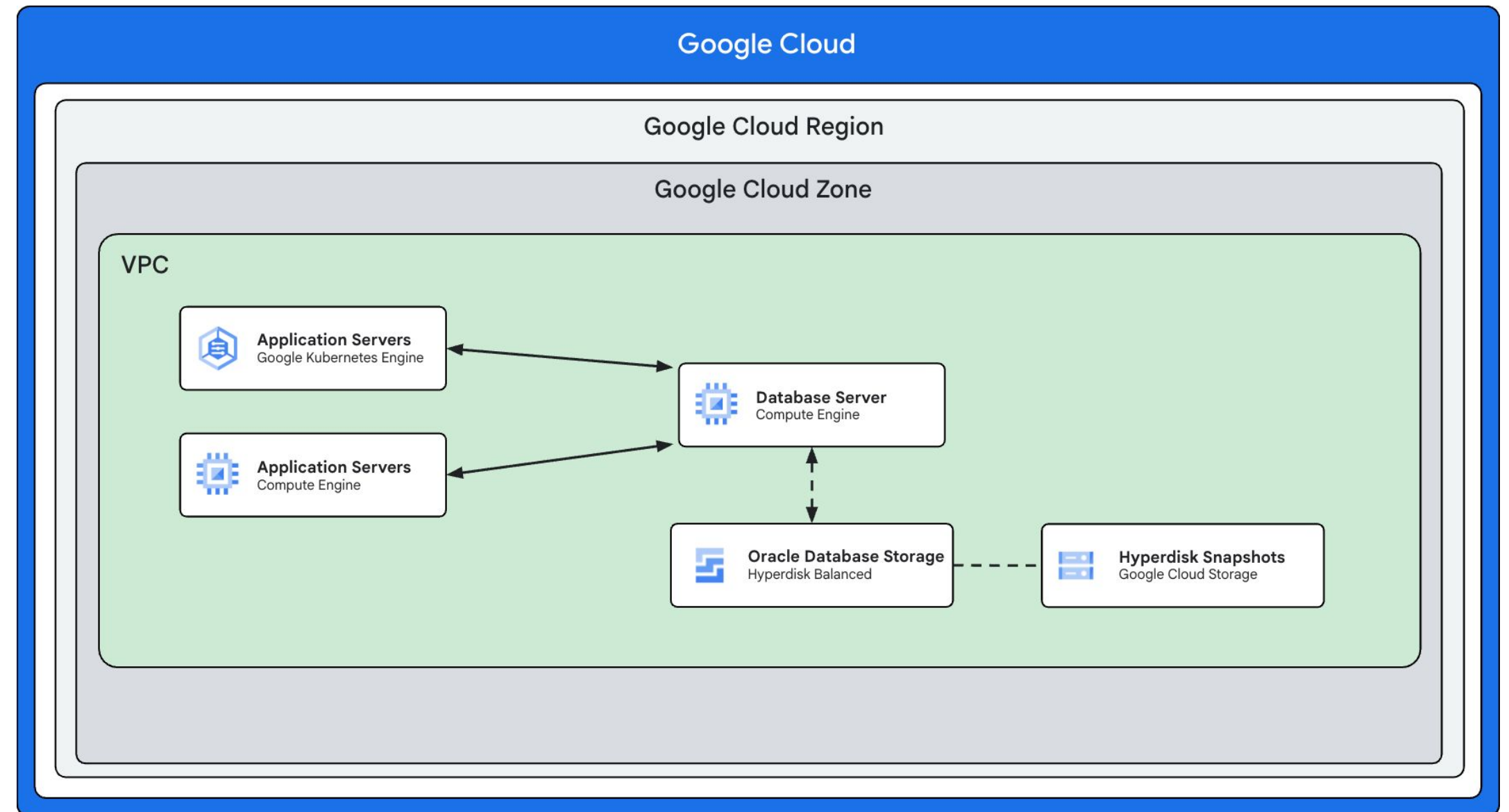
With the Google Cloud and OCI partnership, customers will be able to consume best of breed services from both clouds without worrying about complex and costly infrastructure builds, while delivering

- **Optimal performance**
 - Ensuring the lowest possible latency between both clouds, while keeping traffic private and secure.
- **Flexible Capacity**
 - Connections can be provisioned on-demand, within minutes, with variable speed options for maximum flexibility (1, 2, 5 and 10 Gbps)
- **Streamlined support**
 - Google Cloud and OCI partner to address customer issues by coordinating support and ensuring end to end SLA.
- **Cost optimized**
 - Zero-cost data transfers over the Cross-Cloud environment so customers can focus on building differentiated applications, rather than adopting sub-optimal design to save cost.

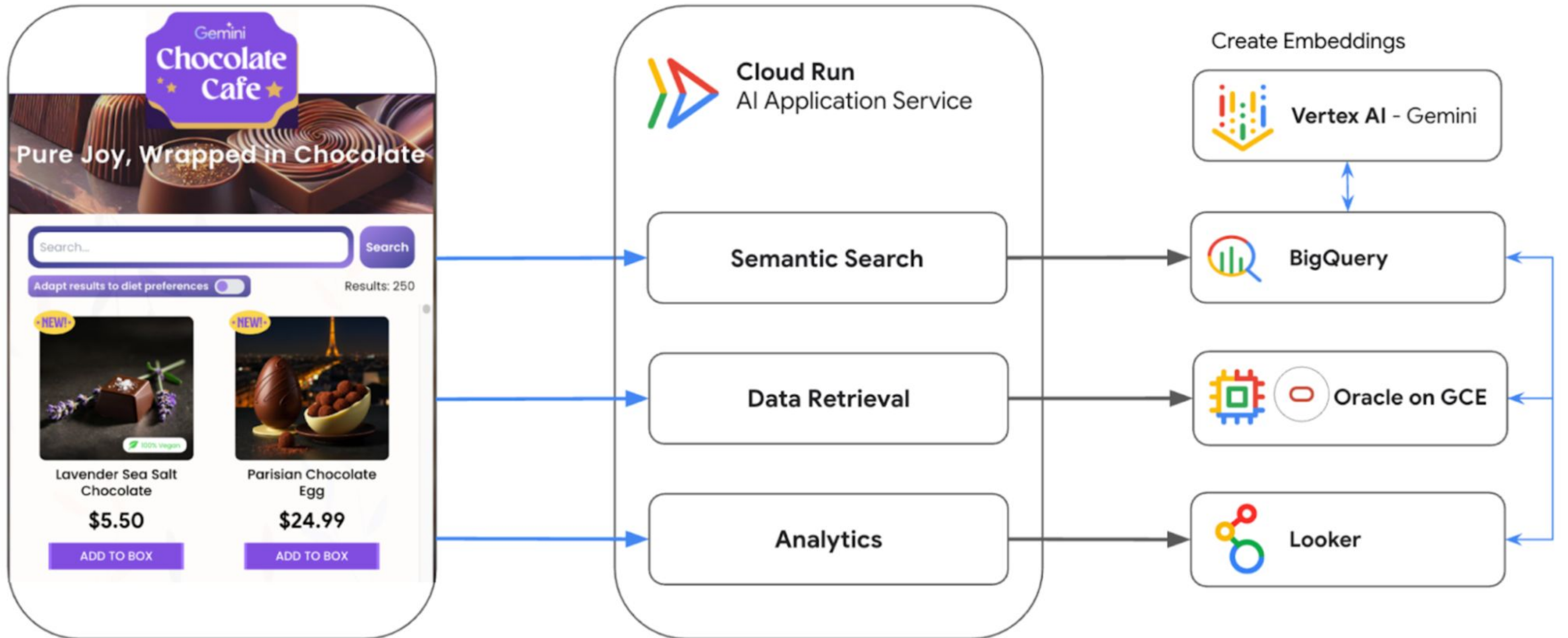


Oracle@Google Cloud - Compute Engine

Use the power of Google's infrastructure to run Oracle databases at scale



Behind the scenes...





With Oracle Database@Google Cloud customers can combine data from Oracle databases with Google Cloud services like Gemini foundation models and the Vertex AI development platform to develop and run a new generation of cloud native applications.”

Carl Olofson, Research Vice President, Data Management Software, IDC

Instance details

Instance ID *
adb1

ID is permanent.

Database name *
adb1

The name must contain only letters and numbers, starting with a letter. Max 30 characters.

Database display name
adb1

A user-friendly name to easily help you identify the resource.

Region
europe-west2
europe-west3
us-east4

Workload configuration

Choose a workload type

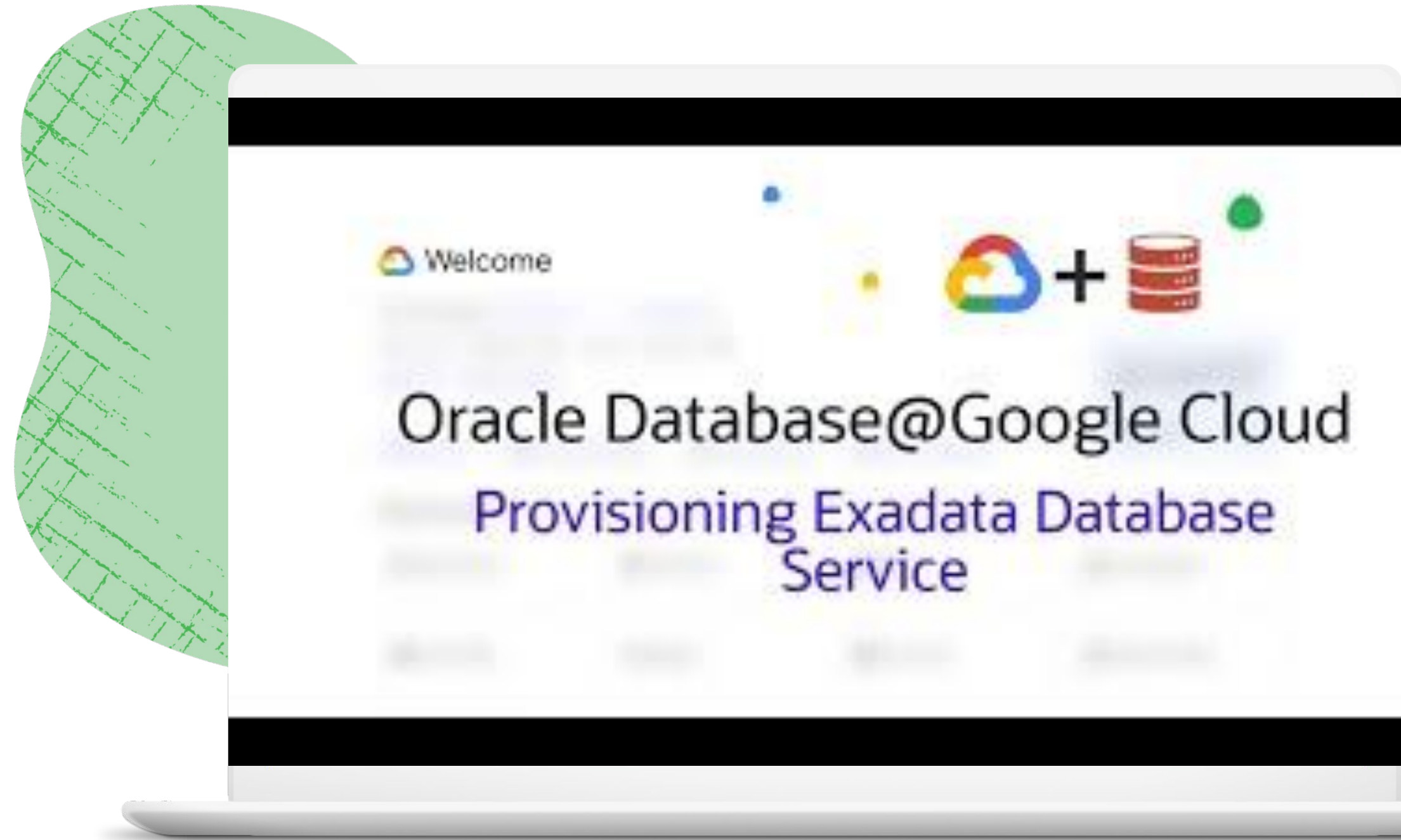
- Data Warehouse
Built for decision support and data warehouse workload. Fast queries over large volumes of data.
- Transaction Processing
Built for transactional workloads. High concurrency for short-running queries and transactions.
- JSON
Built for JSON-centric application development. Developer-friendly document APIs and native JSON storage.
- APEX
Built for Oracle APEX application development. Creation and deployment of low-code application with database included.

Deployment type

Develop Oracle APEX Applications

Oracle Database@Google Cloud Demo

Let see how to provision Oracle
Exadata Database Service at
Oracle Database@Google Cloud



Digitally transform and innovate with **Oracle** and **Google Cloud**

Experience the best of both worlds to simplify cloud migration, multcloud deployment, and management.



Multi-cloud adoption



AI and analytics

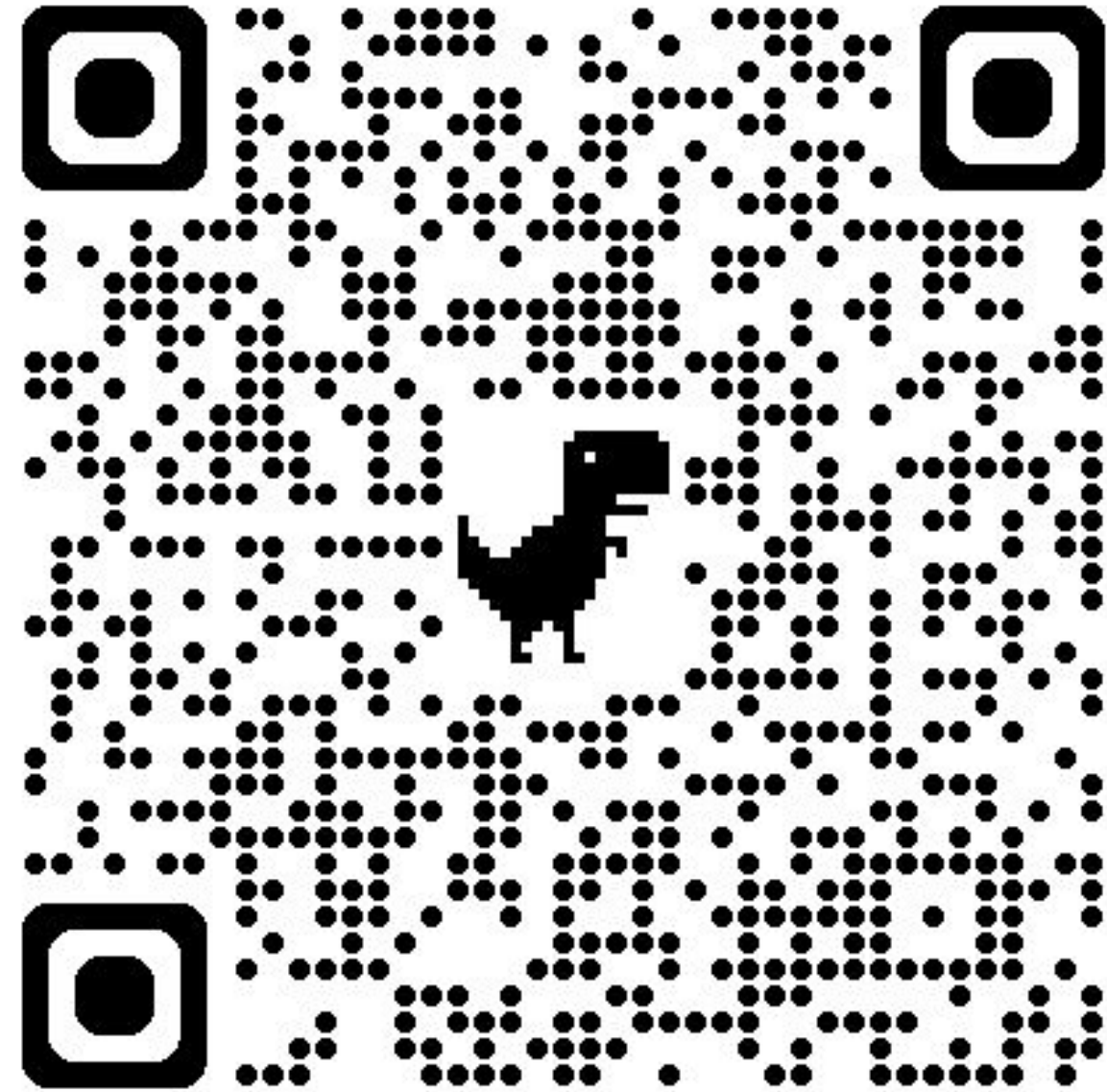


**Enterprise
modernization**



Disaster recovery

Thank you



cloud.google.com/solutions/oracle



5 benefits of oracle database at Google Cloud

Google Cloud

