

ORACLE

Oracle Cloud Infrastructure AI Services for Business Innovation

Outpace your Competitors with Oracle's ML & AI- Get Complete Insight

Manoj Philip Mathen

Chief Architect

Oracle CE CoE , Japan & Asia Pacific

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Agenda



AI Around us

Why ? What ?



Data | Enterprise Grade AI/ML

Why ? How ?



OCI AI/ML Platforms

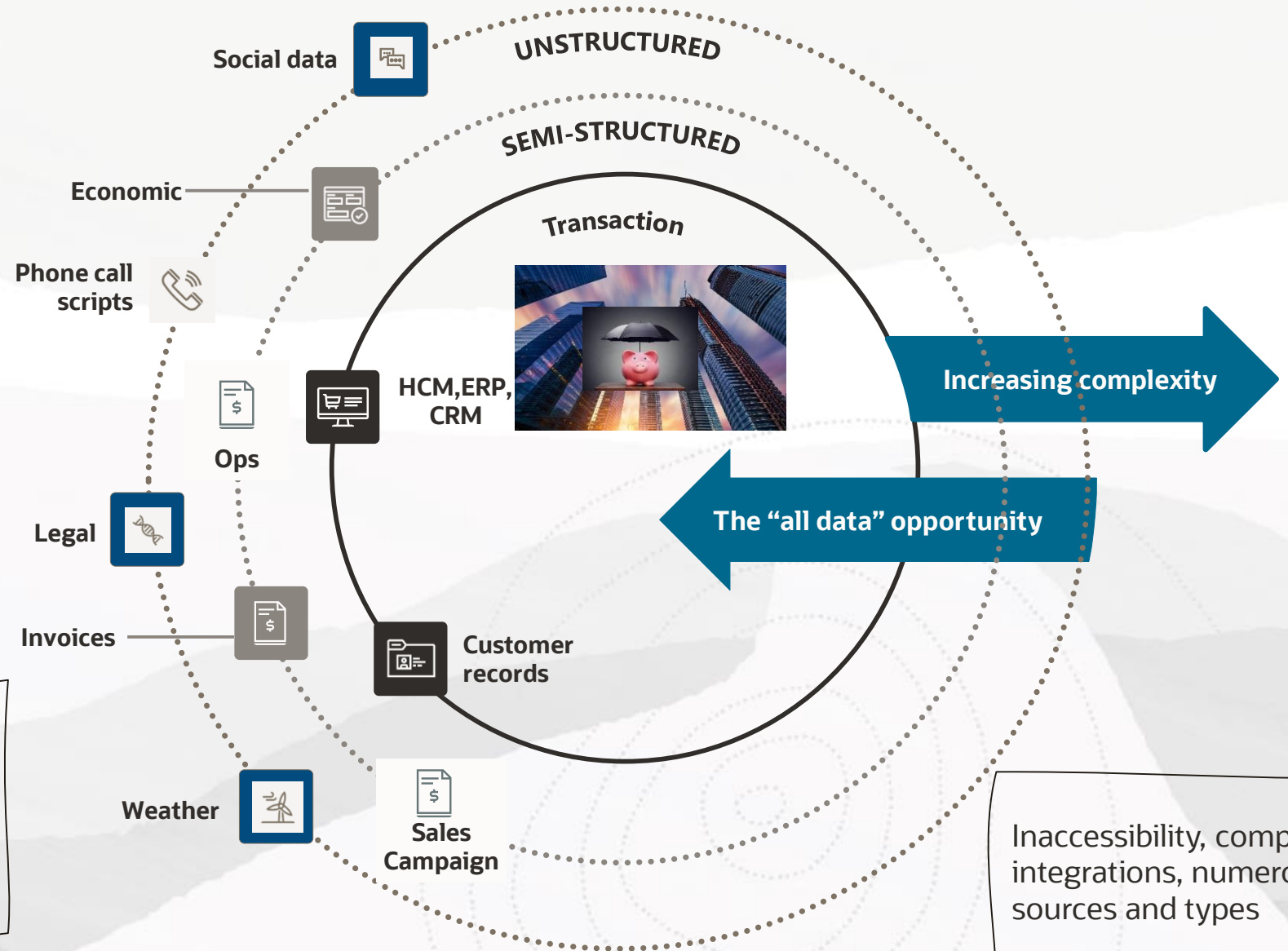
How OCI's unified AI/ML Platform can help address many of the common challenges in this journey ? How can it facilitate Business Innovation ?

Contextualized Data | Contextualized Intelligence

Converged Data | Meaningful Insights

Data – The *(unused)* Capital

74% of the Enterprise Data
has not been analyzed
82% of the Enterprises are
restricted by Data Islands



Inaccessibility, complex
integrations, numerous data
sources and types

Figure 1: Magic Quadrant for Data Integration Tools



Gartner Magic Quadrant Data Integration

Oracle

Oracle is a Leader in this Magic Quadrant, the same as last year. Based in Austin, Texas, Oracle offers the Oracle GoldenGate (GG) platform, Oracle Data Integration Suite (ODI), Oracle Big Data SQL (BDSQL), data integration services within Oracle Integration Cloud and Oracle Cloud Infrastructure (OCI) Data Integration Services. Oracle’s customer base for these products is more than 16,000 organizations. Its operations are geographically diversified, and its clients are primarily in the financial services, telecommunications and retail/e-commerce sectors.

Strengths

- **Technical superiority in data replication:** Oracle GoldenGate stands out in the data replication/change data capture space through its multithreaded log capture API, edge deployments and microservices-based architecture. GoldenGate is often deployed to support mission-critical applications that need to always be highly available.
- **Balanced focus across OCI and multicloud deployments:** Although OCI Data Integration is a strong part of the OCI ecosystem, Oracle continues to deliver enhancements for its stand-alone data integration products for multicloud deployments. Native integration for Snowflake with Oracle GoldenGate (with an option for external staging in other public cloud object stores) is an example of this multicloud focus.
- **Clear vision for integration convergence:** Oracle’s vision of combining data integration with application integration by designing reference architectures utilizing Oracle data integration products alongside Oracle Integration Cloud sets it up for long-term differentiation.



Immense Possibilities | Supporting Data

Immense Possibilities | Supporting Ecosystem

OCI meets you where you are with a comprehensive suite

Maturity Posture | Data Residency | AI/ML Technique | Compute Category | API Language | Business KPI | User Category & Skillset |

OCI OML

Algorithms meet Data
Build & Deploy models using
R, Python, SQL, AutoML
In-memory processing
Eliminates data movements

OCI Data Science

Build Train Deploy &
Manage ML Models at
scale, with ease
OCI ADS
Model LCM

Oracle Cloud Infrastructure



Oracle Analytics Cloud

Business User Friendly
Explains your Data
Unique Insights
Smart Predictions and
Better Decisions

OCI AI Services

Language, Speech
Vision
Anomaly Detection
Forecasting
Document Understanding
Oracle Digital Assistant

Oracle AI

OCI AI, Data Science, and Machine Learning services

Applications



OCI Digital Assistant



OCI Speech



OCI Language



OCI Vision



OCI Document Understanding



OCI Anomaly Detection



OCI Forecasting

AI Services



OCI Data Science



Oracle Database Machine Learning



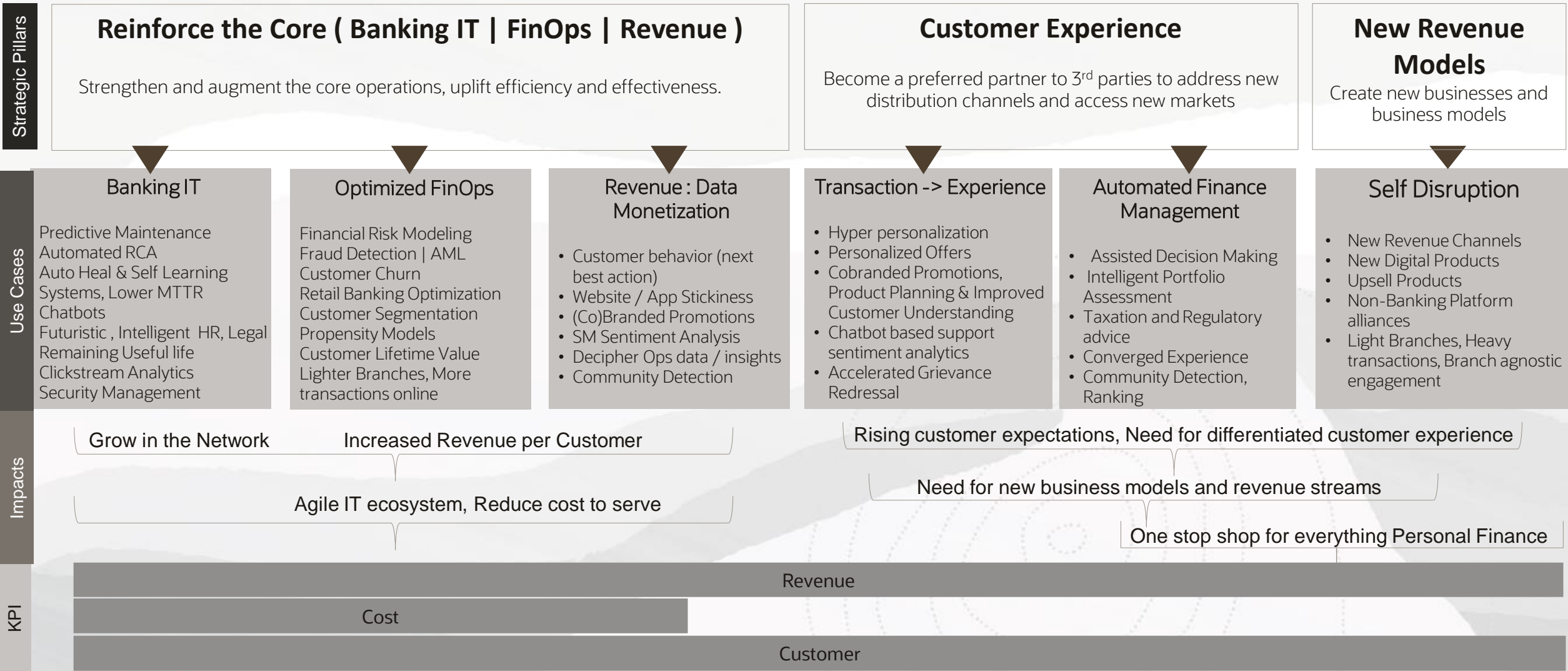
OCI Data Labeling

Machine Learning Services

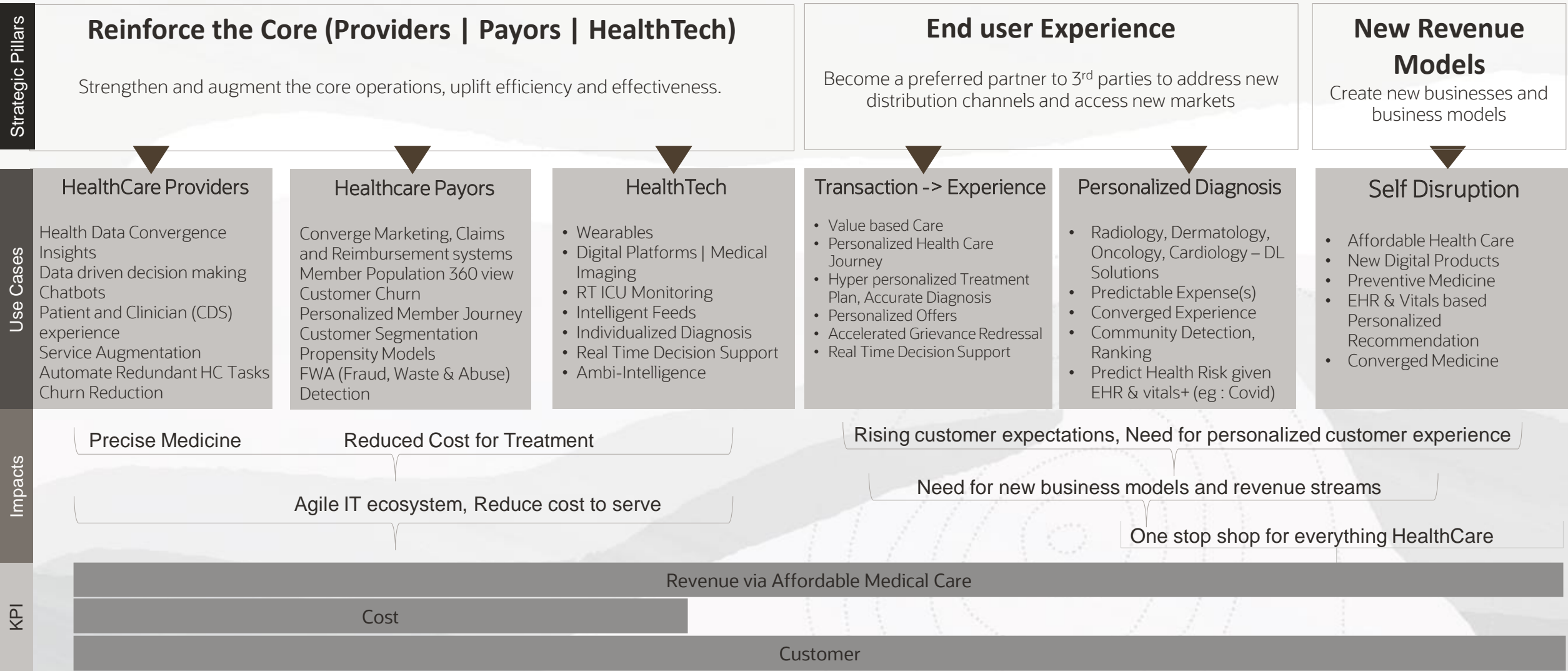
Data



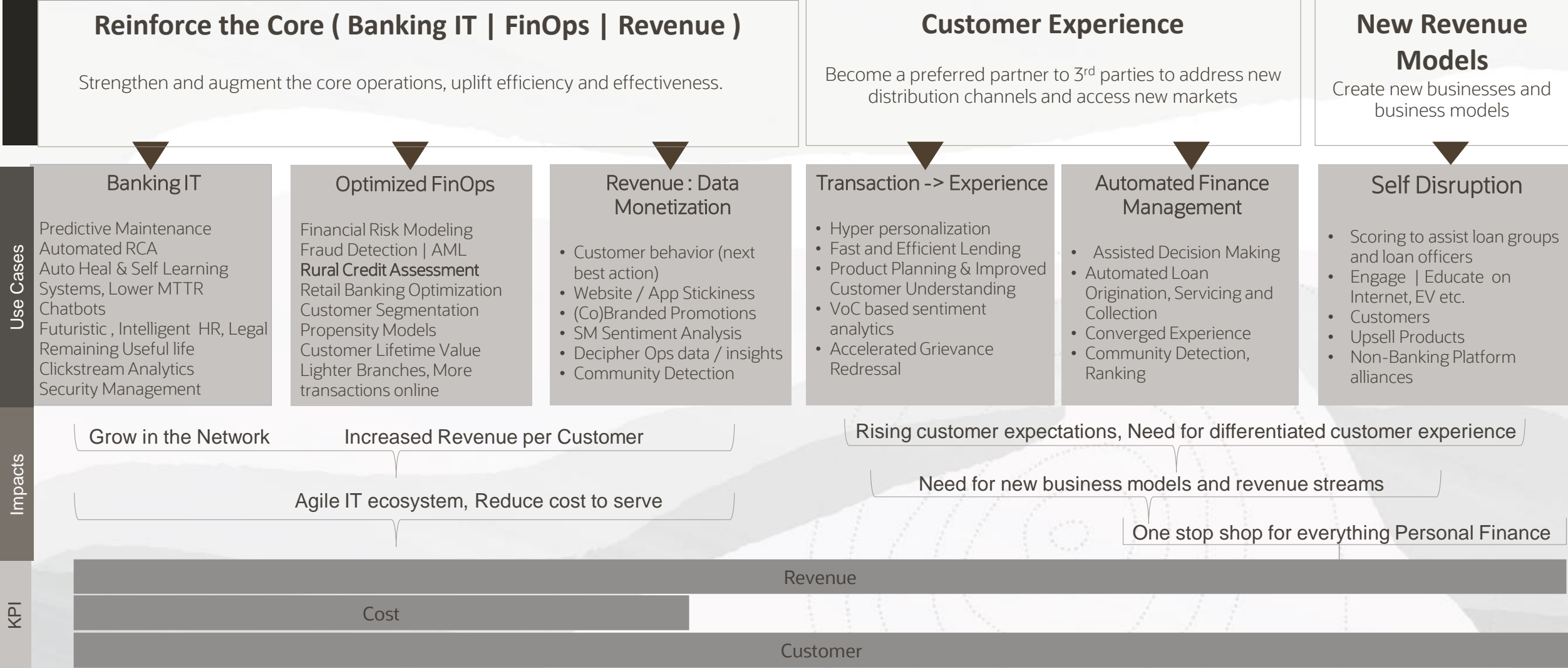
Use Cases : Banking



Use Cases : HealthCare



Use Cases : Microfinance | Small Finance

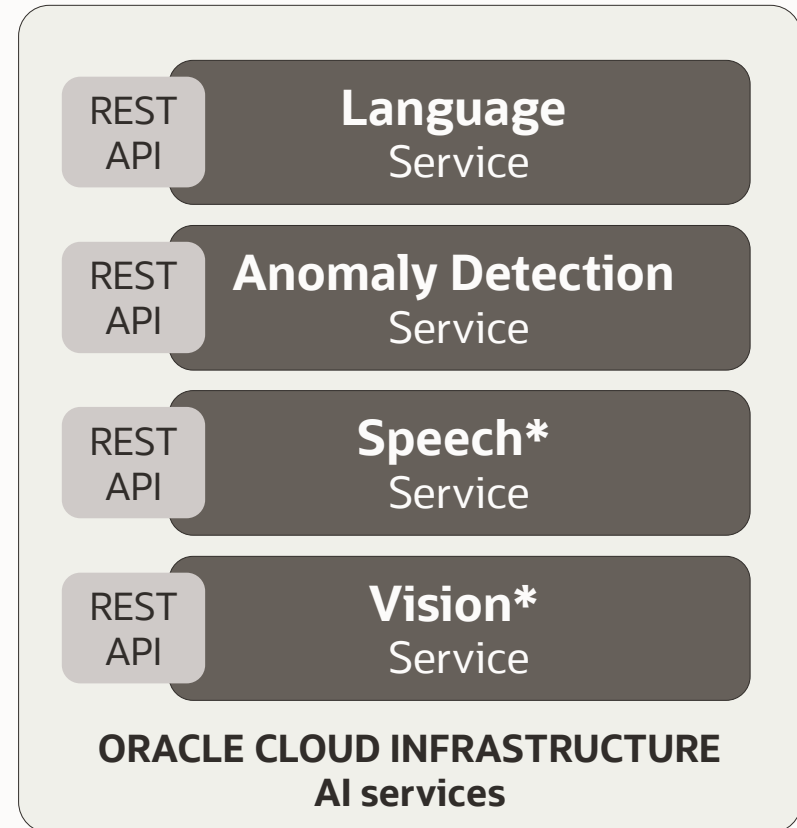


Easily add AI to your applications with Oracle AI Services

Prebuilt and customizable AI models tailored to your business context



Any cloud or on-prem





AI SERVICES

Add Intelligence to your Applications without Coding

Business challenge:

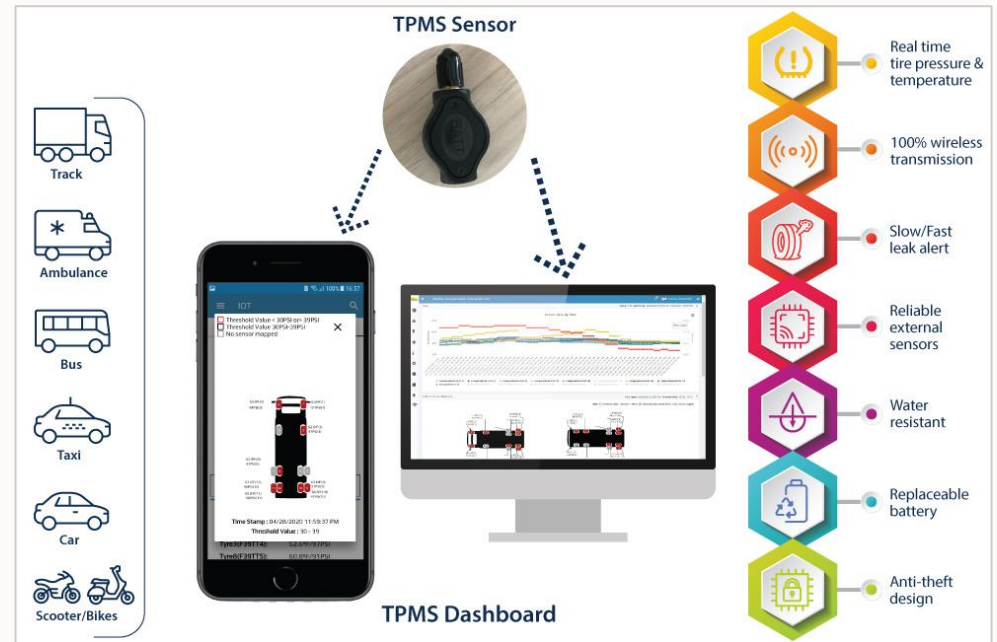
SS Global's transportation sector customers collect data from vehicles, cargo, drivers and other environmental conditions such as traffic. Because identifying anomaly in real-time is key to delivering desired service levels, SS Global needed a compelling anomaly detection solution.

Results:

The application now monitors tire and vehicle condition including tire leaks and tread via a variety of sensors and identifies anomalies in vehicle and tire conditions using OCI Anomaly Detection service that applies state-of-art multivariate anomaly detection algorithms. It generates alerts and determines whether vehicle can reach the destination.

“We chose OCI Anomaly Detection service for its capability to determine anomalies in multivariate complex datasets and for the significant investment Oracle is making in this AI service.”

Sunil Sharma
CEO, SS Global LLC





SAIL GP



SailGP boosts performance, lowers carbon footprint with OCI

“I think this is a fundamental shift in what sports do in using data to go faster or be more efficient. We're really trying to push the boundary of technology, sustainability, and the use of tech for good. And with Oracle's help, we're really pushing the boundaries.”

Warren Jones

Chief Technology Officer, SailGP

Business Challenge:

Founded by Oracle Founder Larry Ellison and champion yachtsman Sir Russell Coutts, SailGP is a high tech global racing series in its second season. Thousands of sensors are attached to the catamarans and their crew members, generating millions of data points that are shared with broadcast partners, fans, race officials, and importantly, across the fleet.

Results:

SailGP runs its computing environment on the cloud using OCI compute and storage, Oracle Autonomous Data Warehouse, and Oracle Stream Analytics.

- ✓ Analyzes in a matter of seconds more than 240,000 data points collected from 800 sensors
- ✓ An average batch size of 15,000 to 20,000 messages, is sent every 500 milliseconds
- ✓ The data points collected are transferred for analysis within two-tenths of a second
- ✓ SailGP lowers the carbon footprint of the league's events, managing most of the IT work remotely
- ✓ Autonomous Data Warehouse is also used to make data available to media partners

Products Used:

Oracle Cloud Infrastructure

Oracle Autonomous Data Warehouse

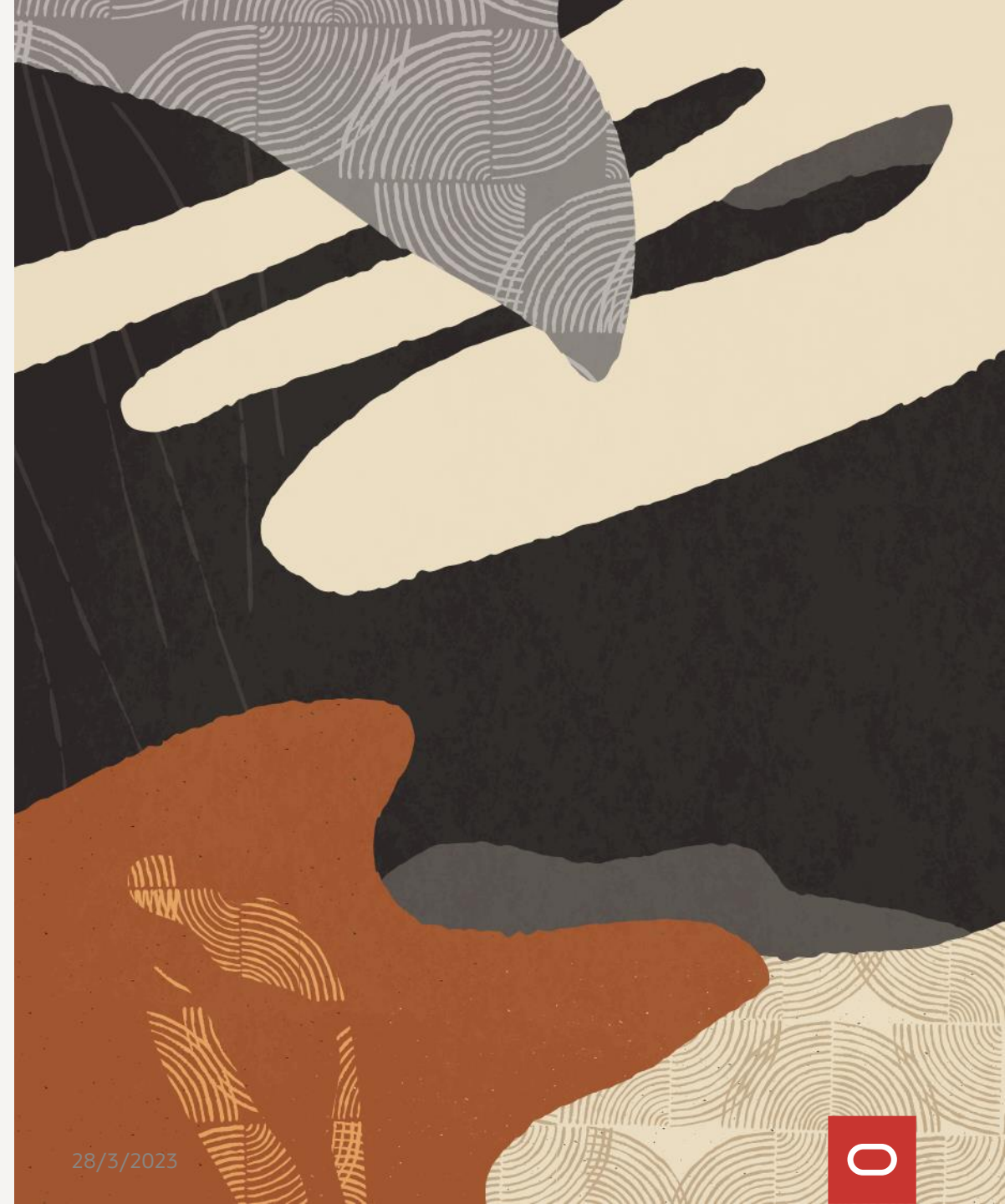
Oracle Stream Analytics

Read full story [here](#)

Image courtesy of <https://www.oracle.com/customers/sailgp/>



Thank you



LLM



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