

Oracle Analytics: New Innovations to Supercharge Your Business with Data



Benjamin Arnulf

Senior Director, Product Strategy, Analytics
Oracle

ORACLE
CloudWorld Tour

Oracle Analytics

New Innovations to Supercharge
your Business with Data

Benjamin Arnulf

Senior Director, Product Strategy

Oracle Analytics

Rapid Dashboard Creation

Self-Service & Augmented Analytics

Click here or drag data to add a filter

Select Visualization to View Details

Drop Visualizations or Data Here

Select data or visual to display properties

Infographics

Pixel Perfect Data Visualization

Wine Year in Review

It's been a big year, but many of the issues arising for wine lovers are hardy perennials. Looking at the Achaia-Zupa province across the wide variety of wines and wineries, we are seeing clear positive trends this year. Let's explore some of these insights.



Natural Language

NLP & NLG

ORACLE Analytics

Create

A

Q Search Everything

Workbooks and Reports

Data

Recent Datasets

Watchlists

Favorite Workbooks

Machine Learning

Sales and Inventory Activity

View all

HR and Recruiting

View all

1- Revenue by P3 LOB

Revenue Key Metric

240,000,000.00

Billed Qty 22,030,868

Quantity

11,015,434

Target Qty 164,595,536

9-On Hold

5-Paid

4-Billed

6-Can...

3-Sh...

2-Fu...

1-B...

Quantity

88,123,472

Target Qty 141,081,888

Sales by Countries

Sales & Profit by Custom...

Sales by Region

Favorites

Fitness Overview
Admin

Sample Project
System Account

SAMPL_PRODUCTS_D
admin

biqatst database
admin

Workbooks

View all

GR Workbook
Admin

Fitness Overview
Admin

Vibrant Colors Dashb...
Admin

Copy of Sales Analy...
Admin

Sales Analysis - OA L...
Admin

Copy of my sample
Admin

Stock History
Admin

Finance, Sales, and ...
Admin

Fin Serv mobile data
Admin

All Charts Demo
Admin

Sample Project
System Account

db card sizing tests
Admin

Watchlists

Mobile

Advanced Mobile Analytics



Day by Day



Oracle An...



Oracle Eve...



Data Visualizations

Next Generation Data Visualizations

📊📈📉

Search

⋮

Bar

📊

Bar

📊

Stacked Bar

📊

100% Stacked Bar

📊

Horizontal Bar

📊

Horizontal Stacked

📊

Horizontal 100%

📊

Combo

📊

Butterfly

📊

Waterfall

📊

Boxplot

📊

Horizontal Boxplot

Line

📊

Line

📊

Area

📊

Stacked Area

📊

100% Area

📊

Radar Line

📊

Radar Area

📊

Radar Bar

Scatter

📊

Scatter

📊

Category

📊

Stacked Category

Pie (+Treemap)

📊

Pie

📊

Donut

📊

Sunburst

📊

Treemap

Grid

📊

Pivot

📊

Table

📊

Correlation Matrix

📊

Grid Heat Map

📊

Picto

Network

📍Map

⚙️#📍📊📉

Title

None

Title Tooltip

Auto

Title Font

Auto🔄

Legend Position

None

Item

City Pickup

Country Pickup

City Delivery

Country Delivery

Route

Carrier

Cargo Number

All

All

All

All

All

All

X01200020

+

-



CARGO ANALYTICS

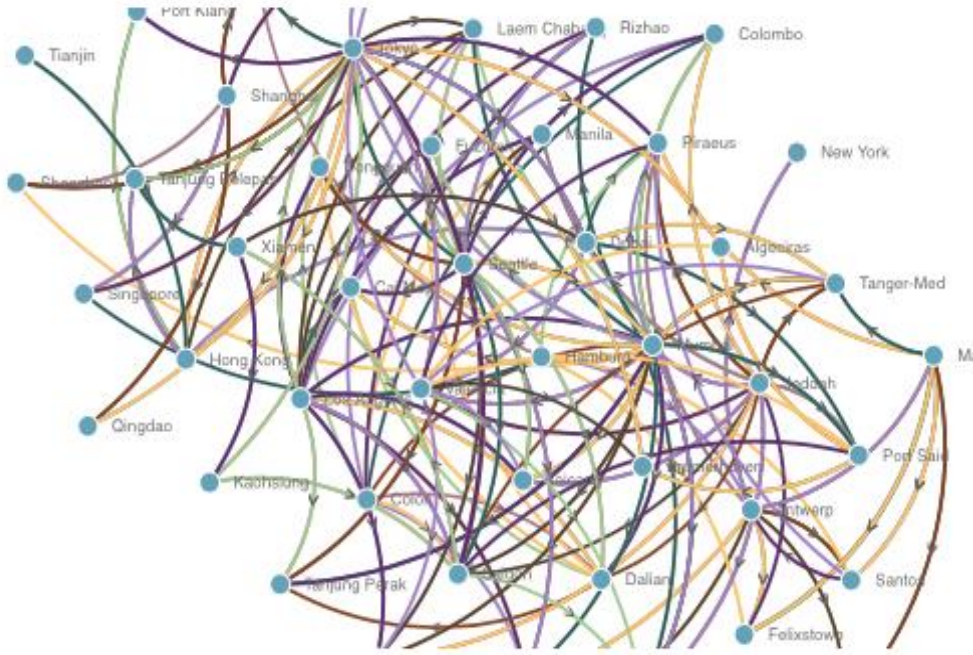
Containers

281

Total Rate

\$19.13M

📍Route



📍Destination



Item	City Pickup	City Delivery	Cargo Number	Rate
Item 0	Shanghai	Singapore	X01200020	\$5,000
Item 1	Shanghai	Shenzhen	X01200020	\$3,500
Item 10	Hong Kong	Port Klang	X01200020	\$4,220

Rate

■ Rate > 5,000

■ Rate > 4,500

■ Rate > 4,000

■ Rate > 3,500

■ Rate ≤ 3,500

Cargo Analytics

🔍⚡📊📄

✳️ Year

✳️ Origin

✳️ Airline

✳️ Flight Number

✳️ Terminal

✳️ Gate (18)

2019

All

All

All

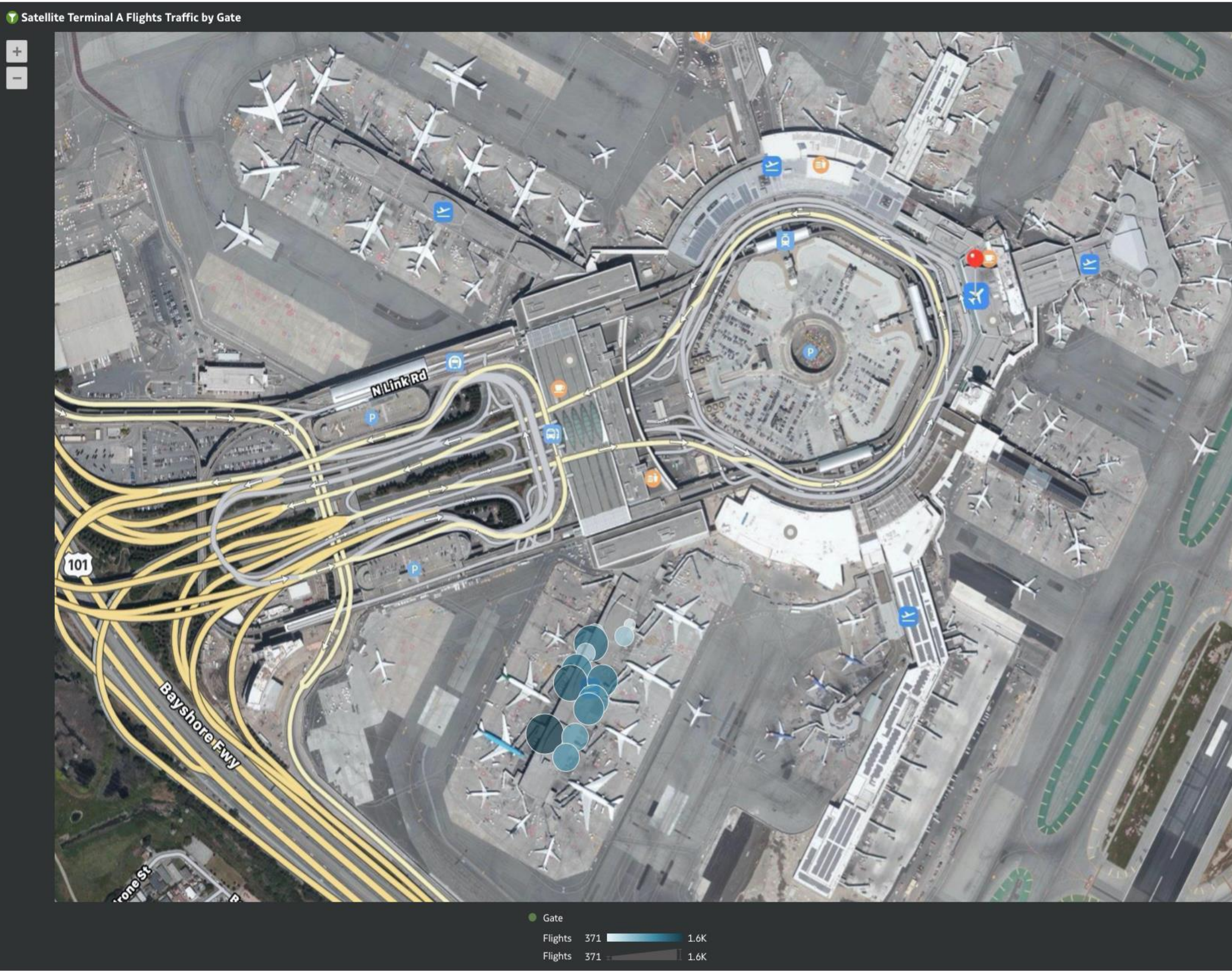
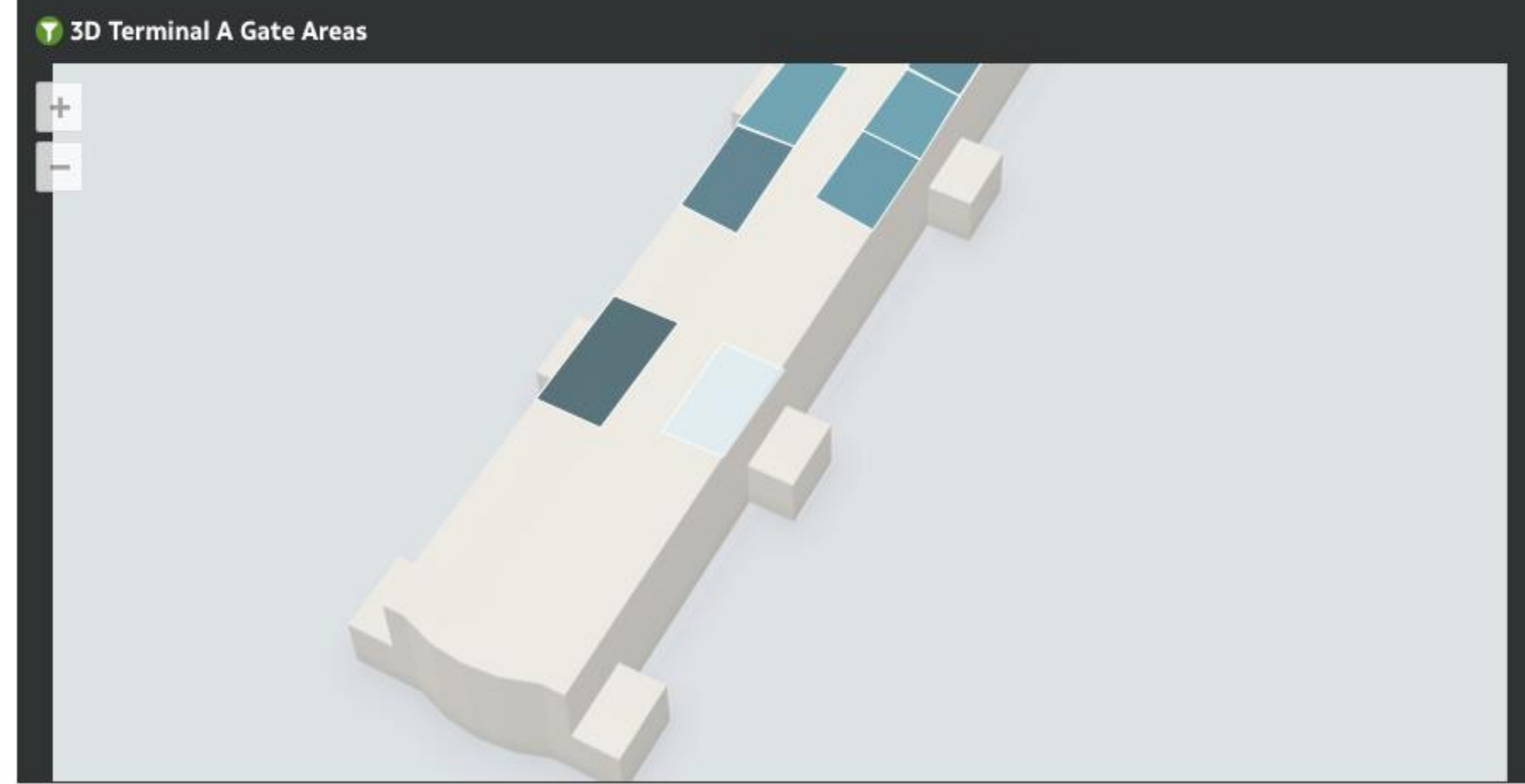
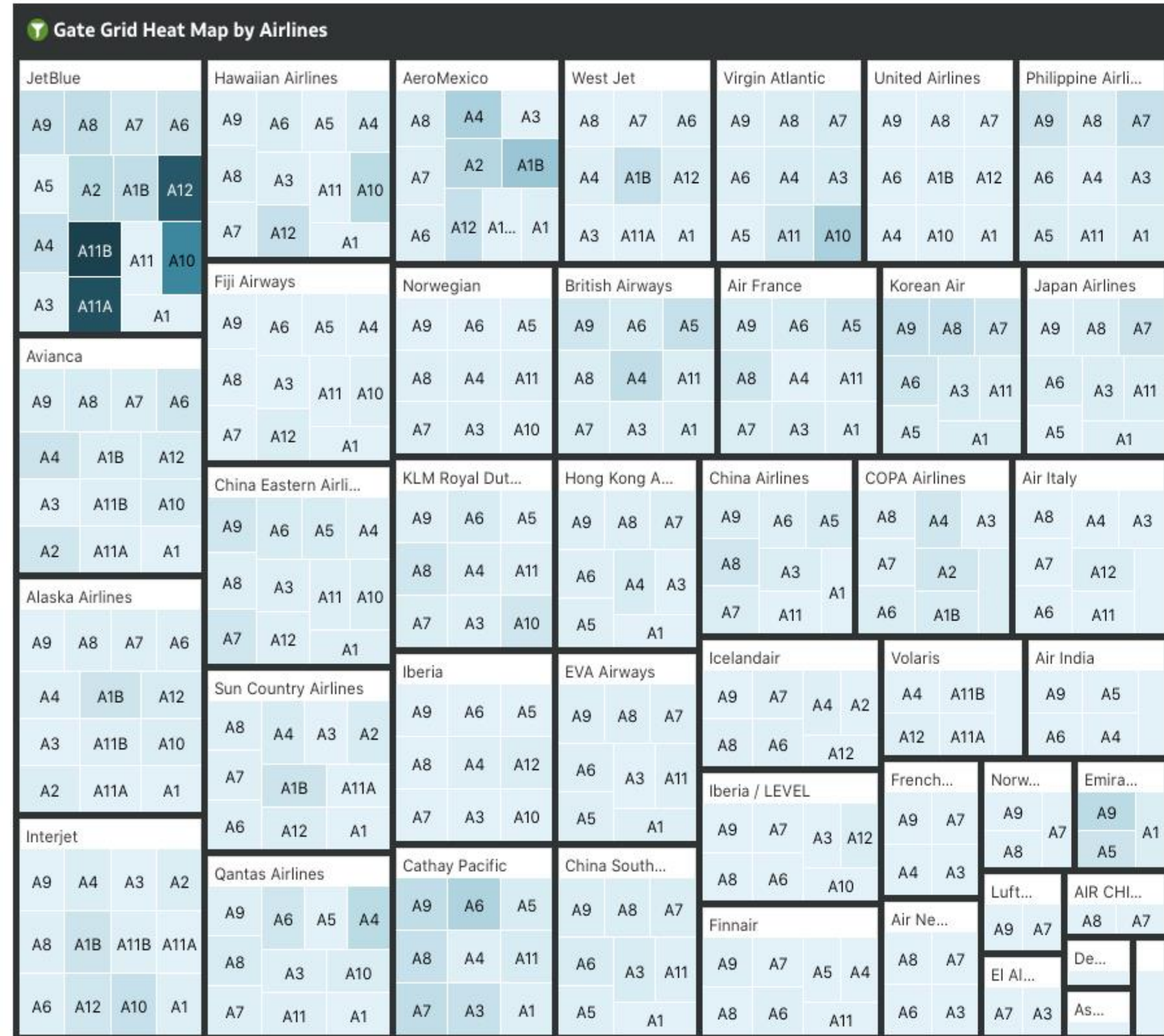
I

A1, A10, A11, A11A, A11B, A12, A1A, A1B...

🔍

🗺️

🔗



📊

📈

📉

Search

⋮

Bar

📊

Bar

📈

Stacked Bar

📉

100% Stacked Bar

📊

Horizontal Bar

📈

Horizontal Stacked

📉

Horizontal 100%

📊

Combo

📈

Butterfly

📉

Waterfall

📊

Boxplot

📈

Horizontal Boxplot

Line

📊

Line

📈

Area

📉

Stacked Area

📊

100% Area

📈

Radar Line

📉

Radar Area

Radar Bar

Scatter

📊

Scatter

📈

Category

📉

Stacked Category

Pie (+Treemap)

📊

Pie

📈

Donut

📉

Sunburst

Treemap

Grid

📊

Pivot

📈

Table

📉

Correlation Matrix

📊

Grid Heat Map

📈

Picto

📍 Occupancy of Water Bungalow ...

⚙️

#

📍

📊

🔍

Title

Custom

Occupancy of Water Bungalow - Kudadoo M

Title Tooltip

Auto

Title Font

Auto

Legend Position

None

⊕ Click here or drag data to add a filter

Travel Analytics

Year

■ 2021

□ 2022

Period

August

Monthly occupancy by bungalow

Name	Vacancy	Monthly Occupancy ▾
WB08	Y	100%
WB15	N	100%
WB01	Y	80%
WB13	N	80%
WB07	N	75%
WB11	N	75%
WB14	N	75%
WB03	Y	70%
WB06	N	70%
WB02	N	60%
WB09	N	55%
WB04	Y	50%
WB05	Y	50%
WB10	Y	50%
WB12	N	50%

Occupancy

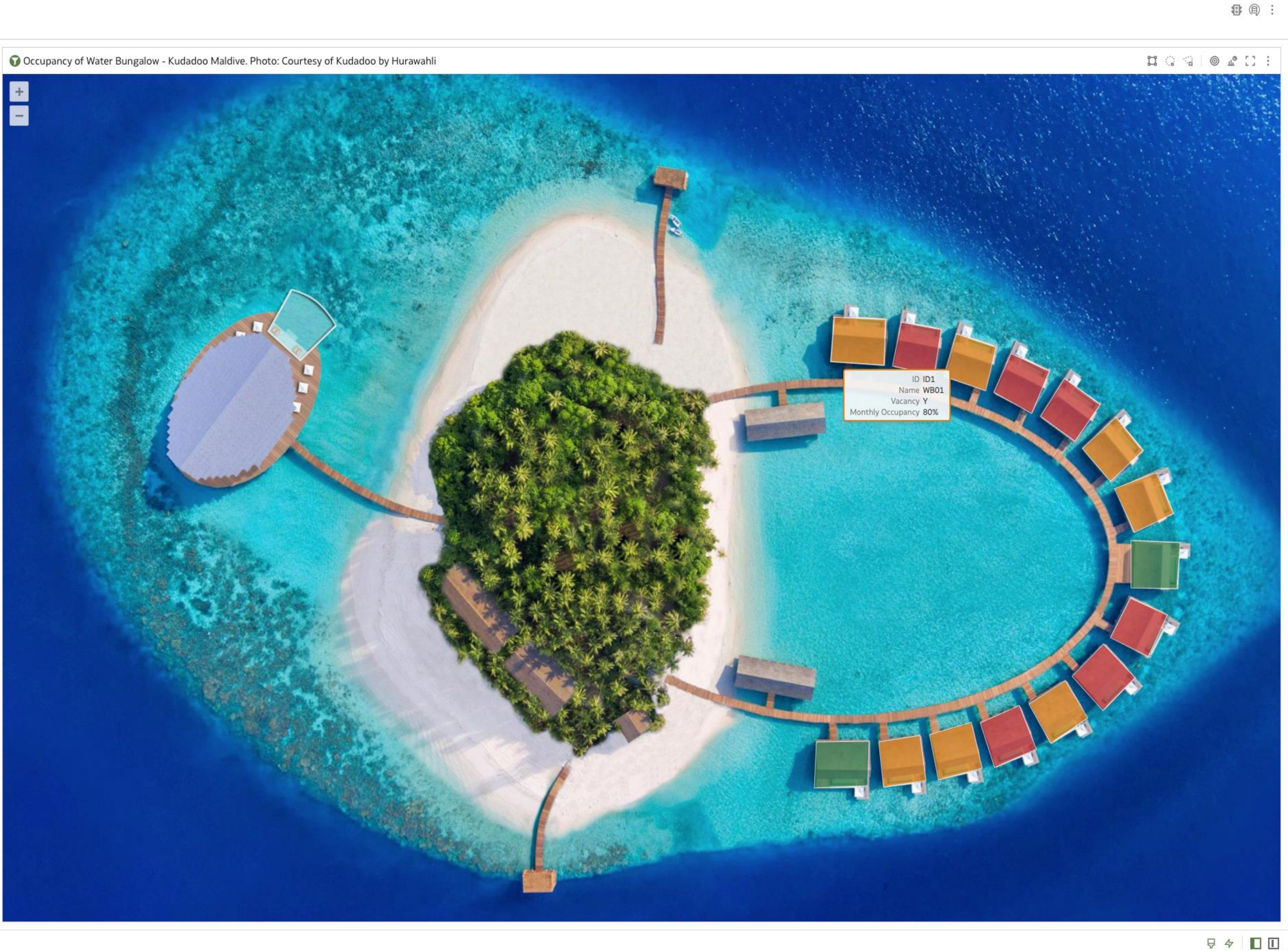
■ Monthly Occupancy ≥ 0.8

■ Monthly Occupancy > 0.3

■ Monthly Occupancy ≤ 0.8

Outliers Analysis

Name	Monthly Occupancy	Type
WB01	80%	Non-Outlier
WB02	60%	Non-Outlier
WB03	70%	Non-Outlier
WB04	50%	Non-Outlier
WB05	50%	Non-Outlier
WB06	70%	Non-Outlier
WB07	75%	Non-Outlier
WB08	100%	Outlier
WB09	55%	Non-Outlier
WB10	50%	Non-Outlier
WB11	75%	Non-Outlier
WB12	50%	Non-Outlier
WB13	80%	Non-Outlier
WB14	75%	Non-Outlier
WB15	100%	Outlier



ORACLE
CloudWorld
DevNucleus

Circuit of the Americas

 United States Grand Prix



World champion

Max Verstappen

Max's fastest lap time

1:34.786

Fastest contender

Sari

Fastest lap time

1:35.717

Best lap time

Position	Driver	LAP	Sector 1	Sector 2	Sector 3	Lap Time	Delta
1	Max Verstappen	4	25.67	37.95	31.17	1:34.786	0.00
2	Sari	3	25.96	37.92	31.84	1:35.717	0.93
3	Gianluca R.	4	26.07	38.24	31.50	1:35.806	1.02
4	DRIVER	8	25.97	38.64	31.69	1:36.302	1.52
5	Victor	3	26.56	38.04	31.97	1:36.572	1.79
6	Alek	2	26.50	39.03	32.36	1:37.883	3.10
7	Wolfgang	2	26.30	39.44	32.16	1:37.896	3.11
8	Pratheek	2	26.60	38.84	33.05	1:38.490	3.70
9	Goetz-Fabian	3	26.66	39.40	32.47	1:38.516	3.73
10	Peter Fichtner	4	26.69	39.26	32.59	1:38.538	3.75
11	Matt	1	26.81	39.13	32.69	1:38.633	3.85
12	Urban Zaletel	4	27.08	39.43	32.16	1:38.672	3.89
13	Can Tuzla	3	26.53	39.08	33.22	1:38.822	4.04
14	Vanessa Schwartz	3	26.44	39.50	33.27	1:39.209	4.42
15	Nathan shain	2	26.70	39.38	33.27	1:39.348	4.56
16	Nick Stricker	6	28.20	38.40	32.79	1:39.380	4.59
17	Phillip	4	26.79	39.69	32.96	1:39.443	4.66
18	Brian A	4	26.76	38.93	33.90	1:39.590	4.80
19	Victor	5	26.75	39.66	34.08	1:40.484	5.70
20	Tom	3	27.22	39.43	34.20	1:40.853	6.07



Sessions

267

Laps

1,013

Racers

194

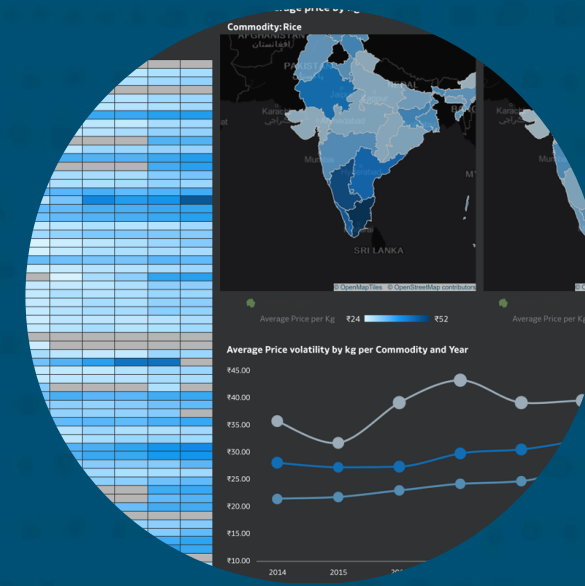


Oracle Analytics

Driving business transformation by accelerating the journey from data to insight to action



Power of Cloud Computing
to consume & manage all types of data at scale



Rich Interactive Experiences
to put data at the fingertips of all users



AI, ML, and NLP
to automate everything – analyzing data, creating insight, taking action



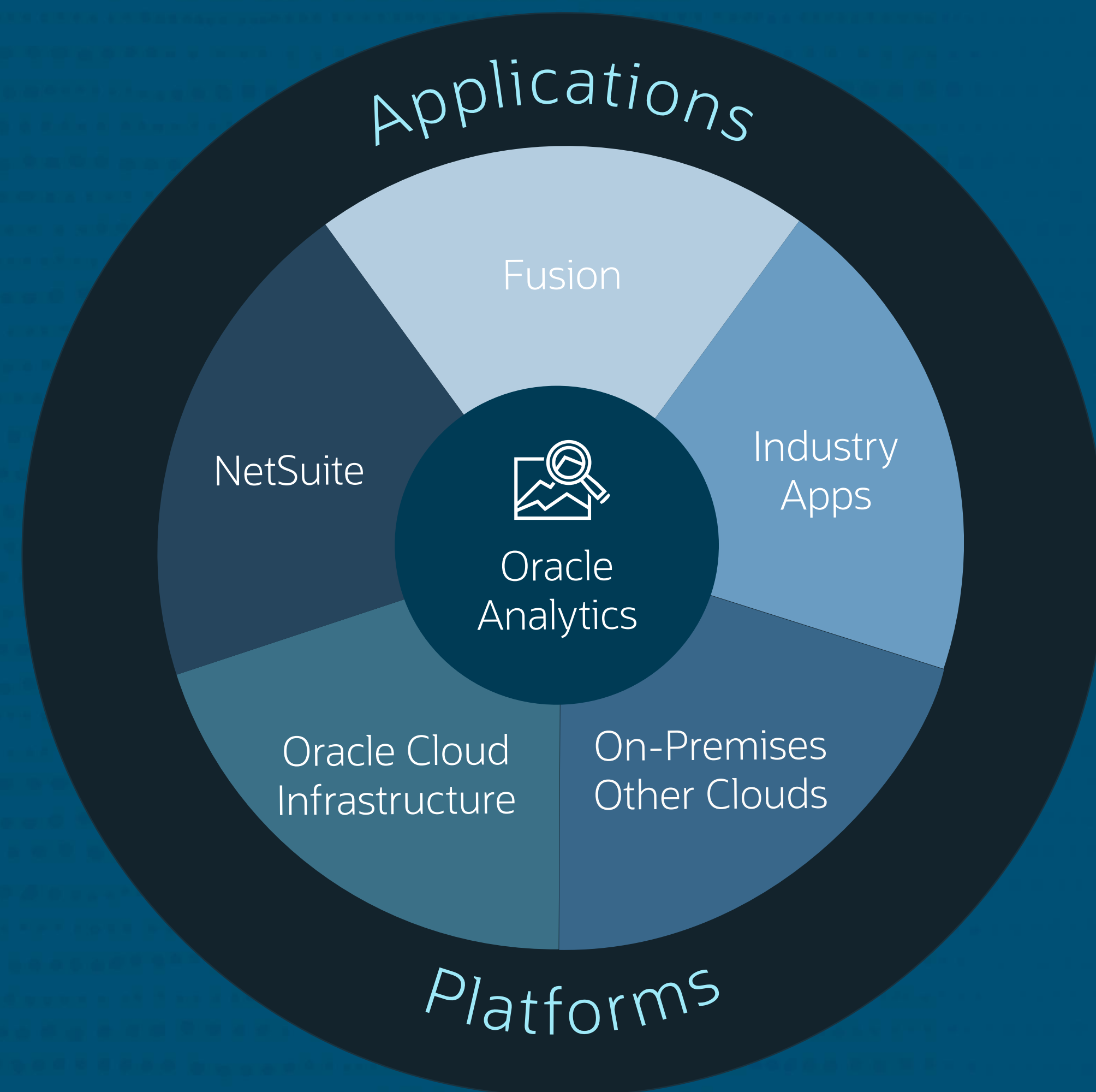
Integrated with Business Apps
for connected, contextual & continuous insight



Customers across all industries are
using the power of Oracle Analytics



The Best Analytics Solution for the Oracle Cloud



Oracle Analytics

Fusion Analytics

NetSuite Analytics



ERP Analytics



HCM Analytics



SCM Analytics



CX Analytics



NetSuite Analytics

Applications

Platform



Oracle Analytics
Cloud



Oracle Analytics
Server

Oracle Analytics Cloud

Complete analytics platform for all users, workloads, and data



Data
engineers



Citizen
data scientists



Business
analysts



Business
users

Governed Analytics

Dashboards

Reports

Semantic models

Query federation

Role based security

Data export

Self-Service Analytics

Data preparation

Storytelling

What-if analysis

Data visualization

Collaboration

Mobile

Augmented Analytics

Voice & chatbot

Data enrichment

Adaptive & personalized

Natural language

1-click explain

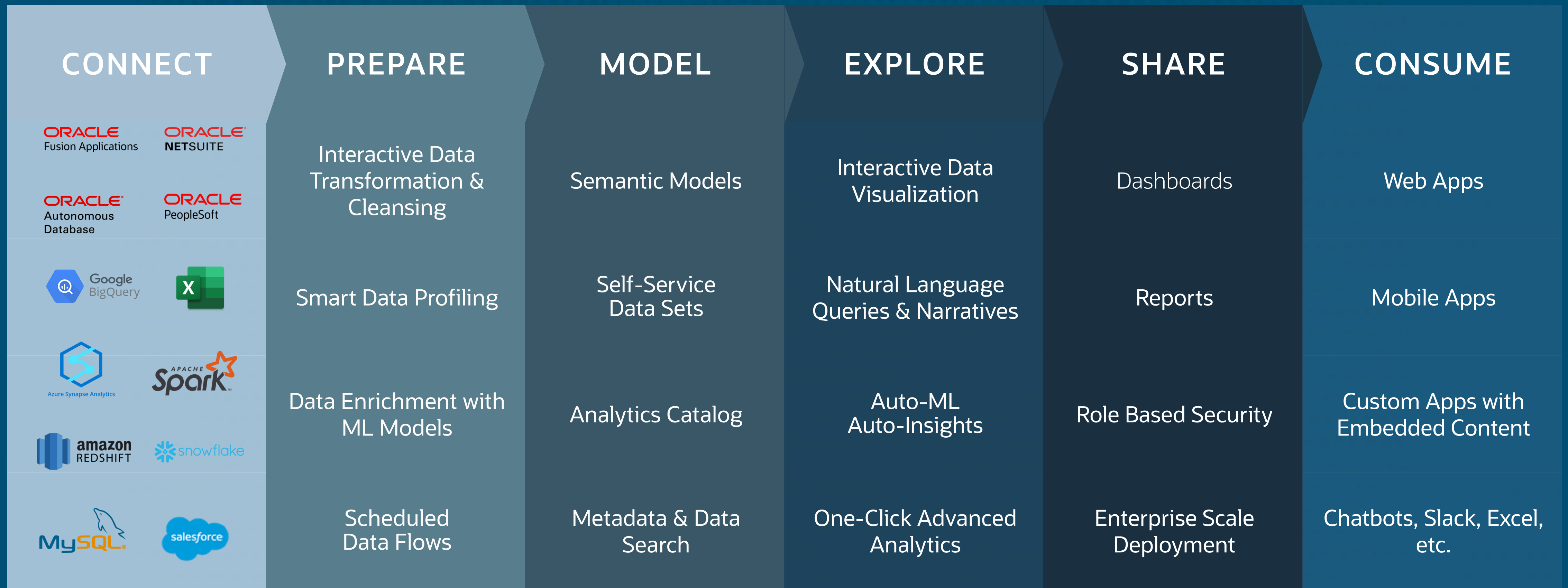
Machine learning

Open connectivity

Oracle cloud | Third-party cloud | On-premises

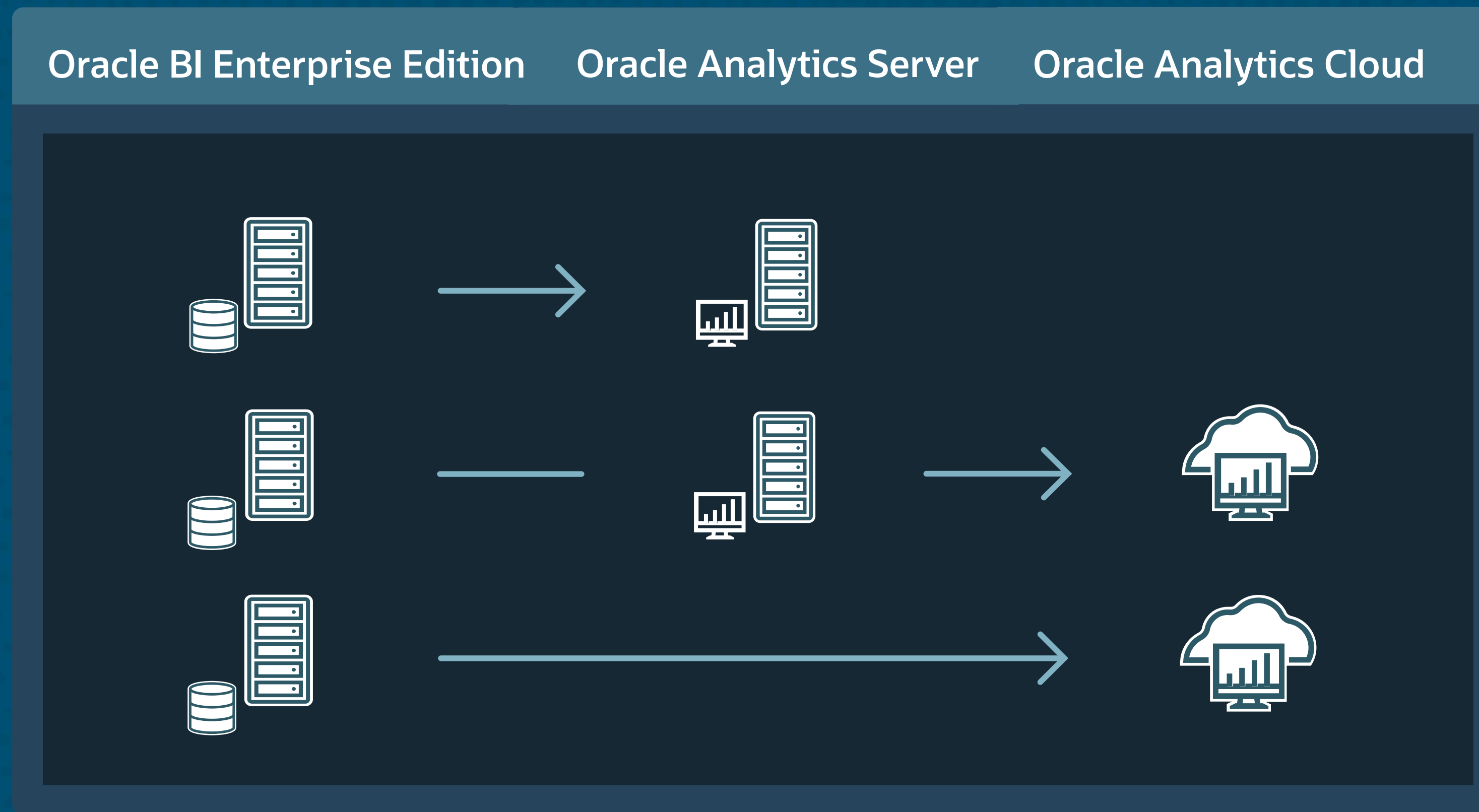
Oracle Analytics Cloud

Powering the end-to-end analytics experience



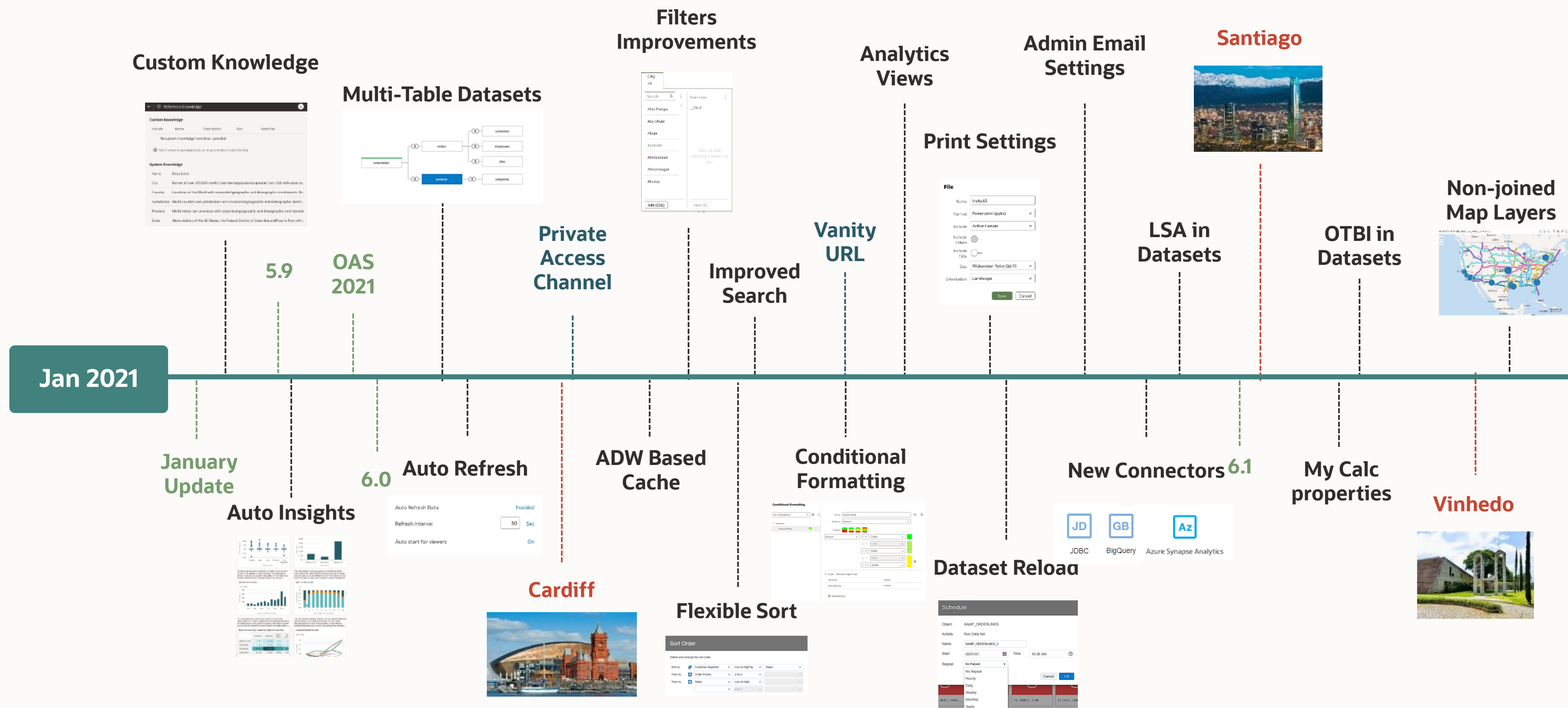
Oracle Analytics Server

Move to the cloud on your own terms



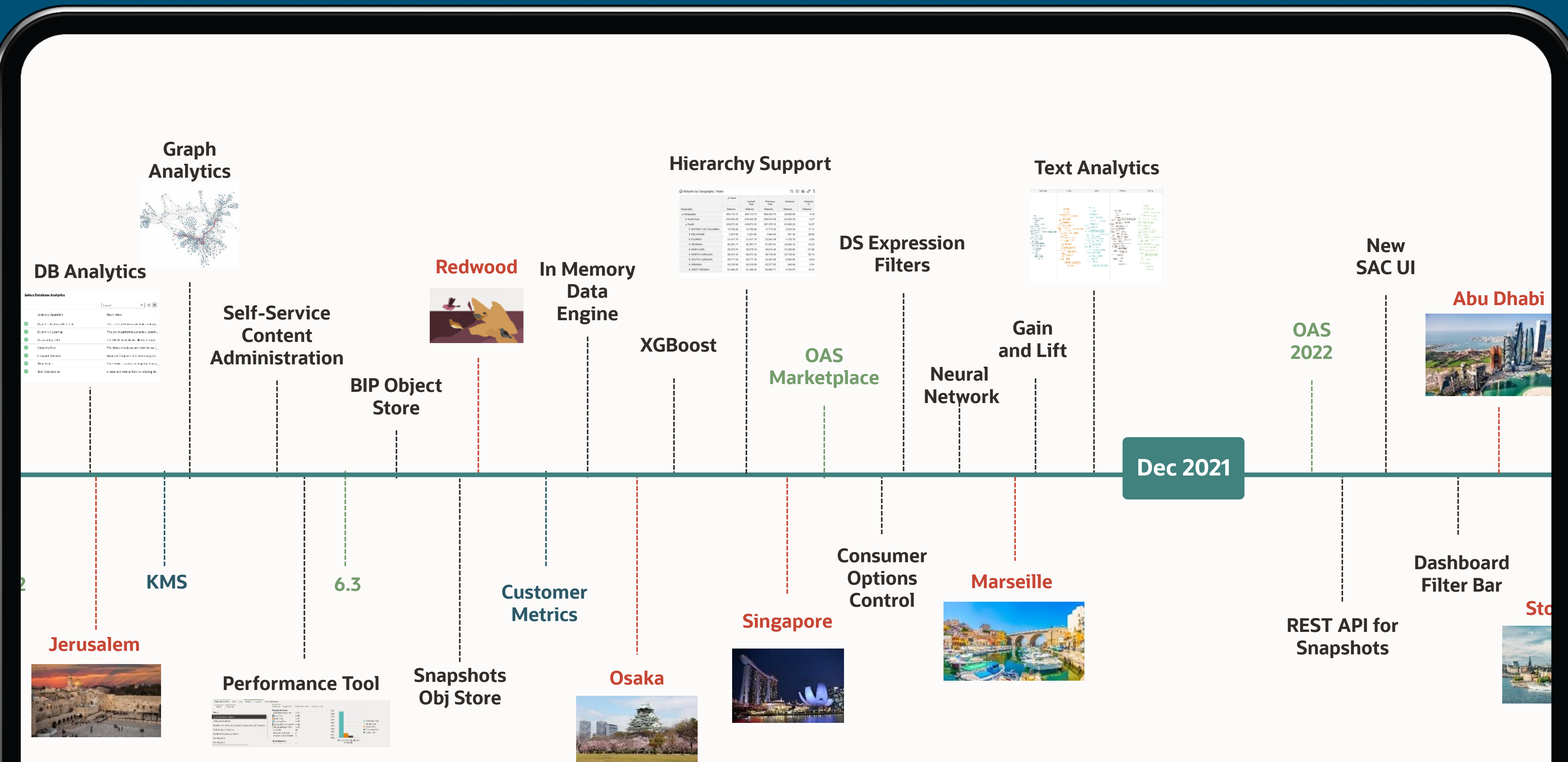
New innovations in Oracle Analytics Cloud

100+ features delivered over the past year



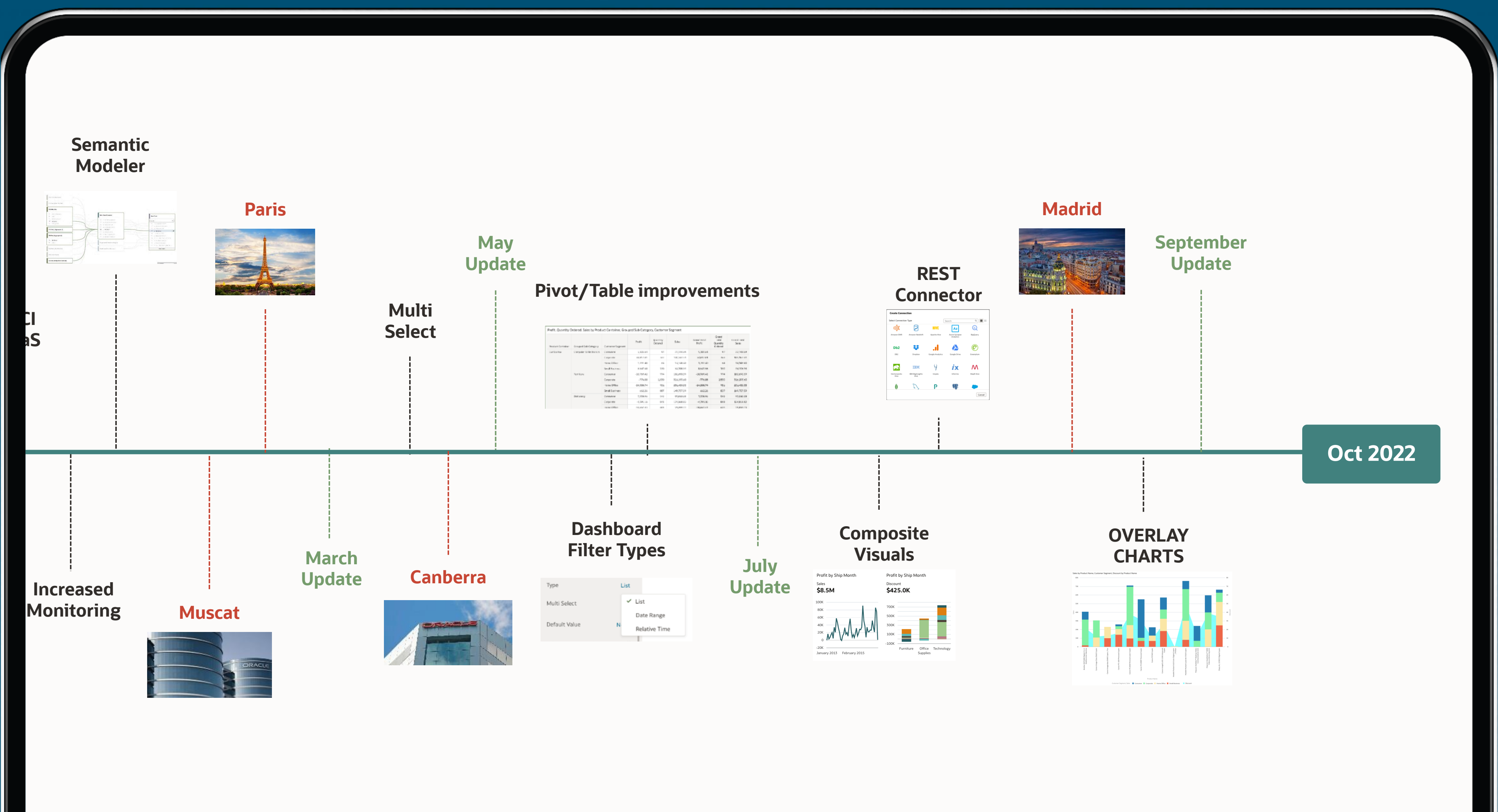
New innovations in Oracle Analytics Cloud

100+ features delivered over the past year



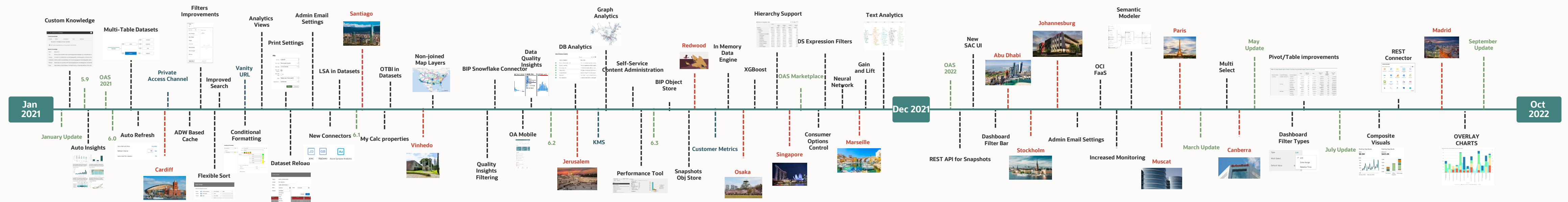
New innovations in Oracle Analytics Cloud

100+ features delivered over the past year

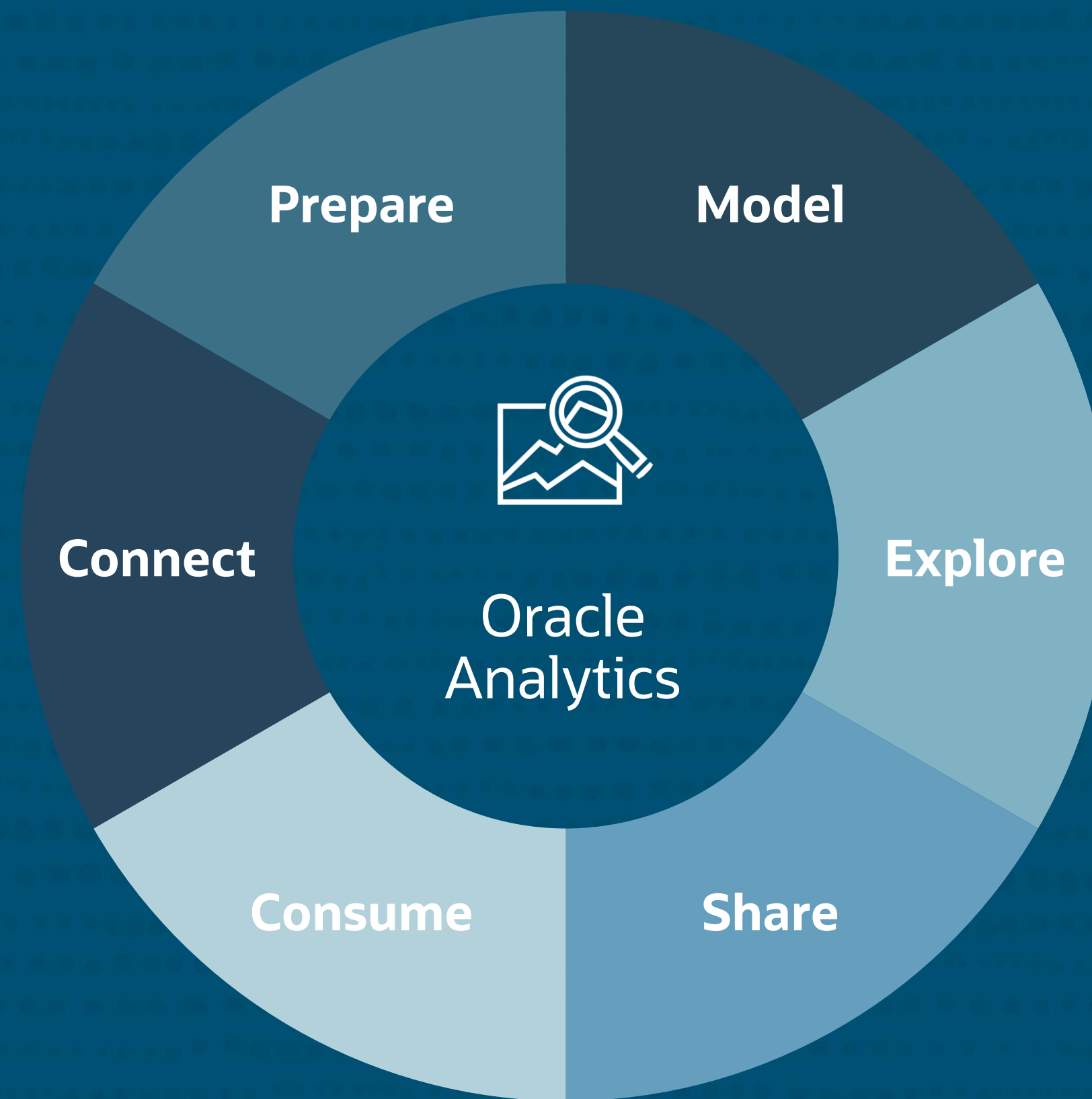


New innovations in Oracle Analytics Cloud

100+ features delivered over the past year



Introducing New Oracle Analytics Cloud Innovations



Introducing New Oracle Analytics Cloud Innovations



Search Everything

Workbooks and Reports

Data

Recent Datasets

Watchlists

Favorite Workbooks

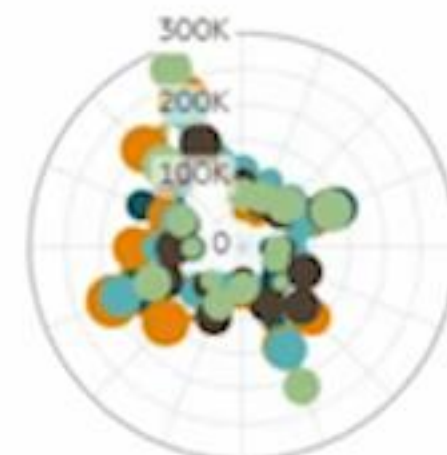
Machine Learning

Global Sales View all

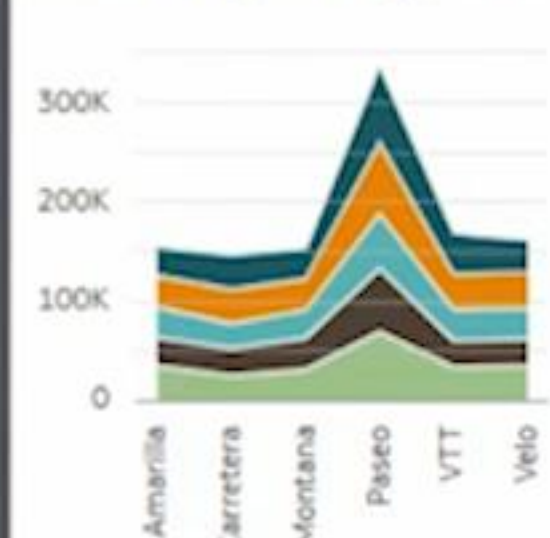
Profit by Order Date (Month)

The data represents the Profit between January 2013 and December 2016.

- The Profit fluctuated, oscillating between -454.85 and 97,371.
- Overall, the Profit has seen an



Units Sold by Country, Prod...



HR and Recruiting View all

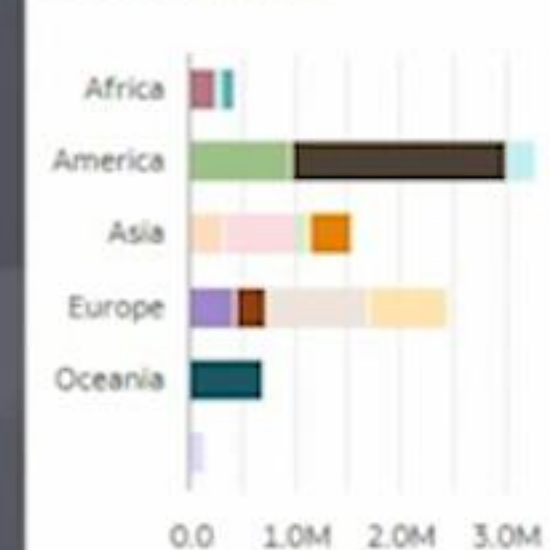
Sales by Countries



Sales & Profit by Customer ...



Sales by Region



Favorites

Fitness Overview
Admin

Sample Project
System Account

SAMPL_PRODUCTS_D
admin

biqatst database
admin

Workbooks View all

GR Workbook
Admin

Fitness Overview
Admin

Vibrant Colors Dashb...
Admin

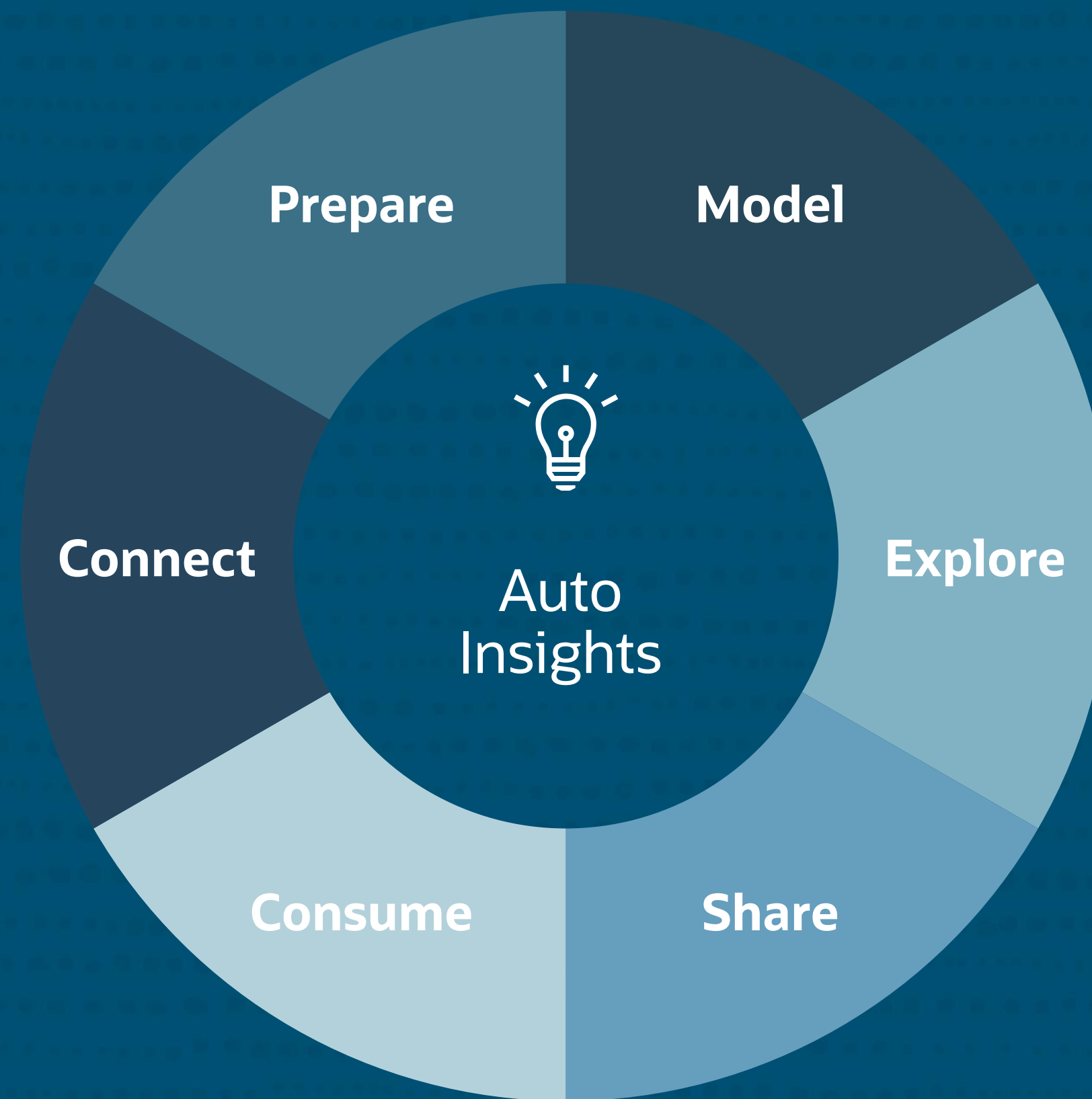
Copy of Sales Analy...
Admin

Sales Analysis - OA L...
Admin

Copy of my sample
Admin

Watchlists

Introducing New Oracle Analytics Cloud Innovations



Auto Insights

Data

Visualize

Present

BD

Search

Global Sales Demo

Order Line ID

Order ID

Order Priority

Customer ID

Customer Name

Customer Segment

City

Product Category

Product Sub Catego...

Product Container

Product Name

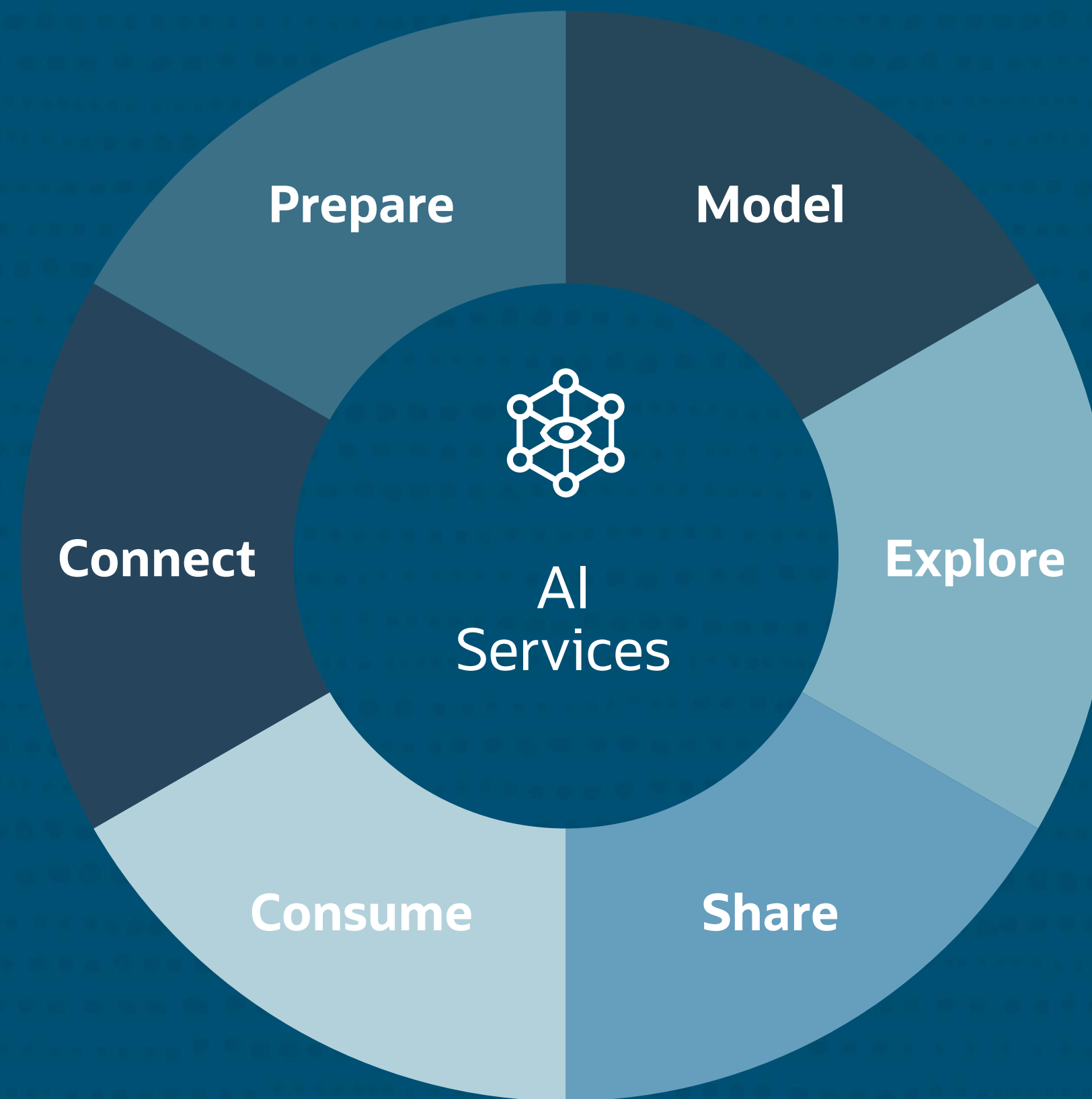
Select data or visual to display properties

Click here or drag data to add a filter

Drop Visualizations or Data Here

Auto Insights

Introducing New Oracle Analytics Cloud Innovations



Oracle Analytics | AI Vision Object Detection

AI Vision Vertex - Object Detection

Average AI Model Confidence %

89.77%

Confidence by object detected

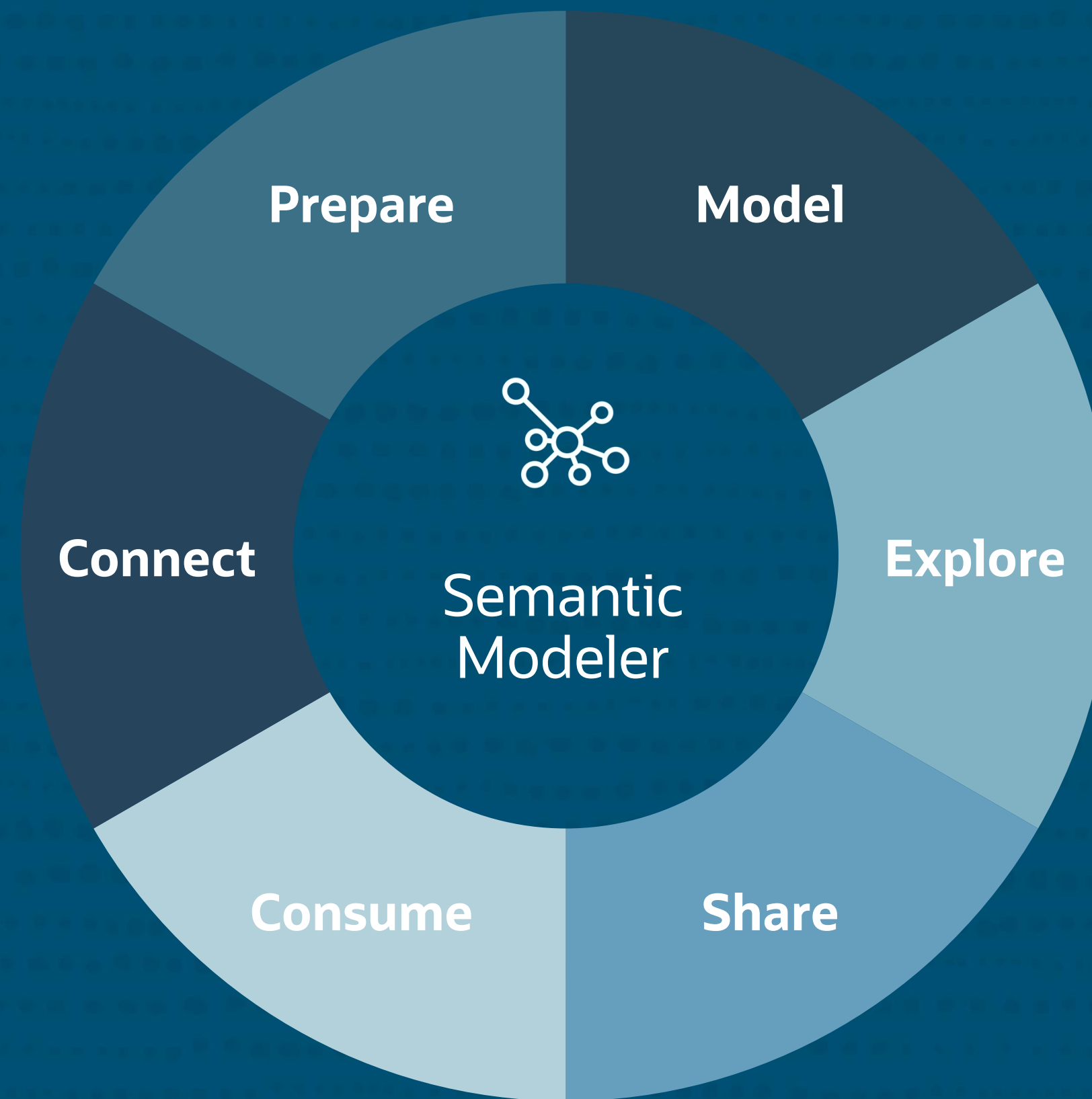
Image Name	Object Name	Confidence
red-bull-car.jpeg	Car	97.8...
red-bull-car.jpeg	Wheel	87.0...

AI Vision Objects Detected

Object Name Car Wheel

OCI Object Storage Bucket

Introducing New Oracle Analytics Cloud Innovations



FAW AR Branch: main

Physical Layer

FACT_DIV_AR

Oracle Data Warehouse

OASOAC

Desc_Flex_Fact_DW_AR_SLA_ADJUSTMENTS_CF_DW_A...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Agin...

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Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_DW_...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_DW_...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_DW_...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_DW_...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Fisca...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Fisca...

Desc_Flex_Fact_DW_AR_SLA_AGING_INVOICE_CA_Fisca...

Desc_Flex_Fact_DW_AR_SLA_APPLICATIONS_CF_DW_A...

Desc_Flex_Fact_DW_AR_SLA_APPLICATIONS_CF_DW_...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_REVENUE_AGG_CF_DW_R...

Desc_Flex_Fact_DW_AR_SLA_SCHEDULES_CF_DW_AR_...

Desc_Flex_Fact_DW_AR_SLA_SCHEDULES_CF_DW_1E_R...

Desc_Flex_Fact_DW_AR_SLA_SCHEDULES_CF_DW_RA_...

Desc_Flex_Fact_DW_AR_SLA_SCHEDULES_CF_DW_RA_...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_AgingFa...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_AgingFa...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_AgingFa...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_AgingFa...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_AgingFa...

Fact_DW_AR_PAYMENT_DATE_PREDICTION_P_Schedule...

Fact_DW_AR_PREDICTION_DECILES_P

Fact_DW_AR_PREDICTION_P_AgingFact

Fact_DW_AR_PREDICTION_P_AgingFact_Aging_Buckets

Fact_DW_AR_PREDICTION_P_AgingFact_Aging_Buckets...

Fact_DW_AR_PREDICTION_P_AgingFact_FiscalPeriod

Fact_DW_AR_PREDICTION_P_ScheduleFact

Fact_DW_AR_REVENUE_AGG_CF

Fact_DW_AR_SCHEDULES_CF

Fact_DW_AR_SLA_ADJUSTMENTS_CF

Fact_DW_AR_SLA_AGING_CUSTOMER_CA

Fact_DW_AR_SLA_AGING_CUSTOMER_CA_FiscalPeriod

Fact_DW_AR_SLA_AGING_INVOICE_CA

Fact_DW_AR_SLA_AGING_INVOICE_CA_Aging_Buckets

Fact_DW_AR_SLA_AGING_INVOICE_CA_Aging_Buckets...

Fact_DW_AR_SLA_AGING_INVOICE_CA_FiscalPeriod

Fact_DW_AR_SLA_APPLICATIONS_CF

Fact_DW_AR_SLA_CREDITMEMO_CF

Fact_DW_AR_SLA_REVENUE_AGG_CF_CogsGrossMargin



Edit Semantic Model

Select an object to begin editing your semantic model.

git

New! Oracle Analytics Future Innovations

Datasets Role-Based
filters

OCI Data Flow
Interactive support

Auto Insights
Enhancements

OCI AI Language
Integration

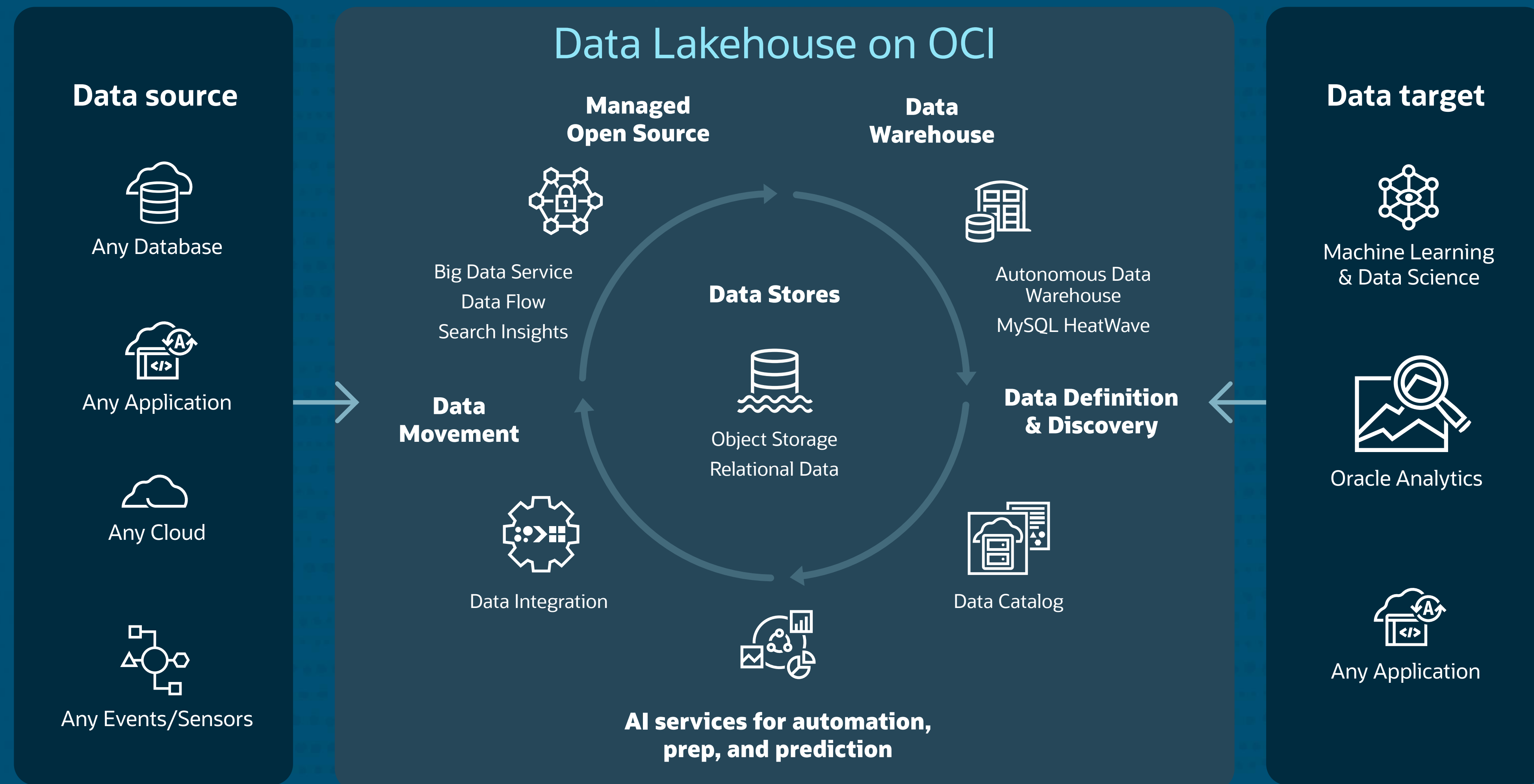
OCI Data Science
integration

OCI Object Store
support

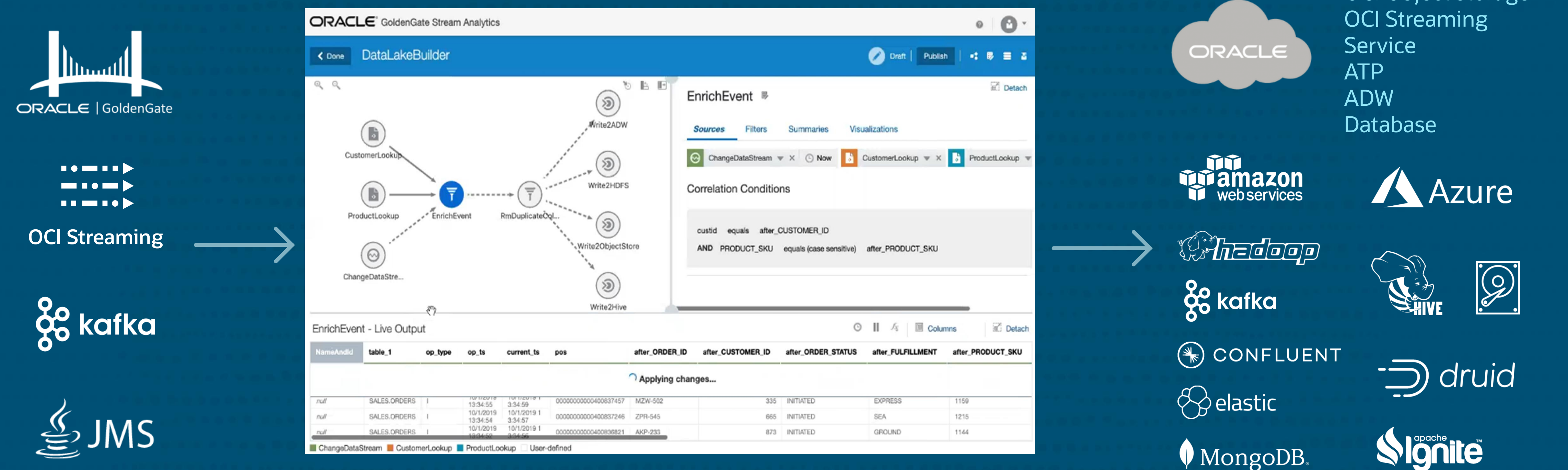
Workbook scheduled
exports and
distribution

Advanced cloud
logging & auditing
services

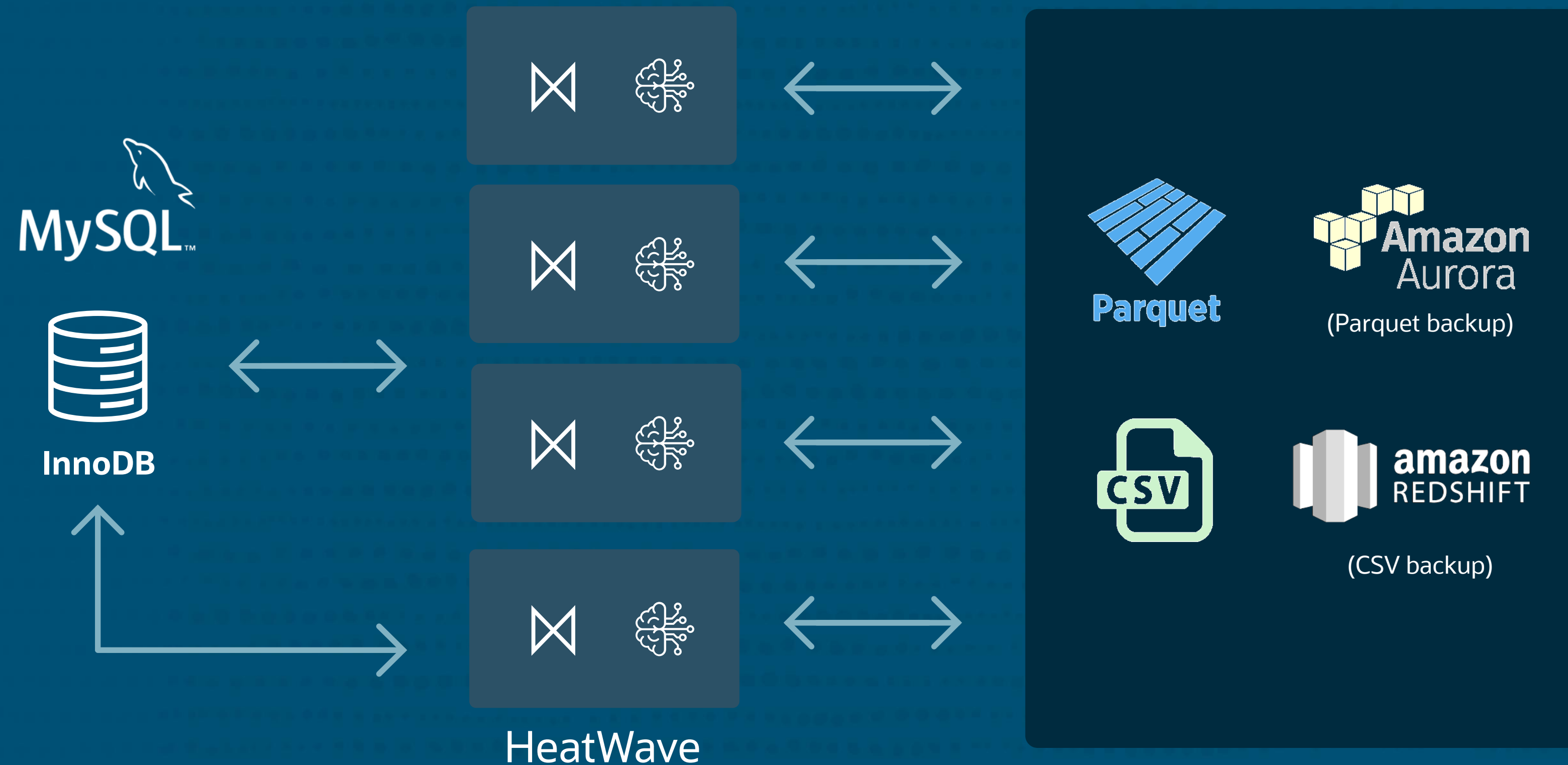
New! Oracle Analytics & OCI Data Lakehouse



New! OCI GoldenGate Stream Analytics



New! MySQL HeatWave Lakehouse



Transaction Processing

Analytics

Machine Learning

Data lake

Lakehouse

Customer Story

Seattle Sounders FC





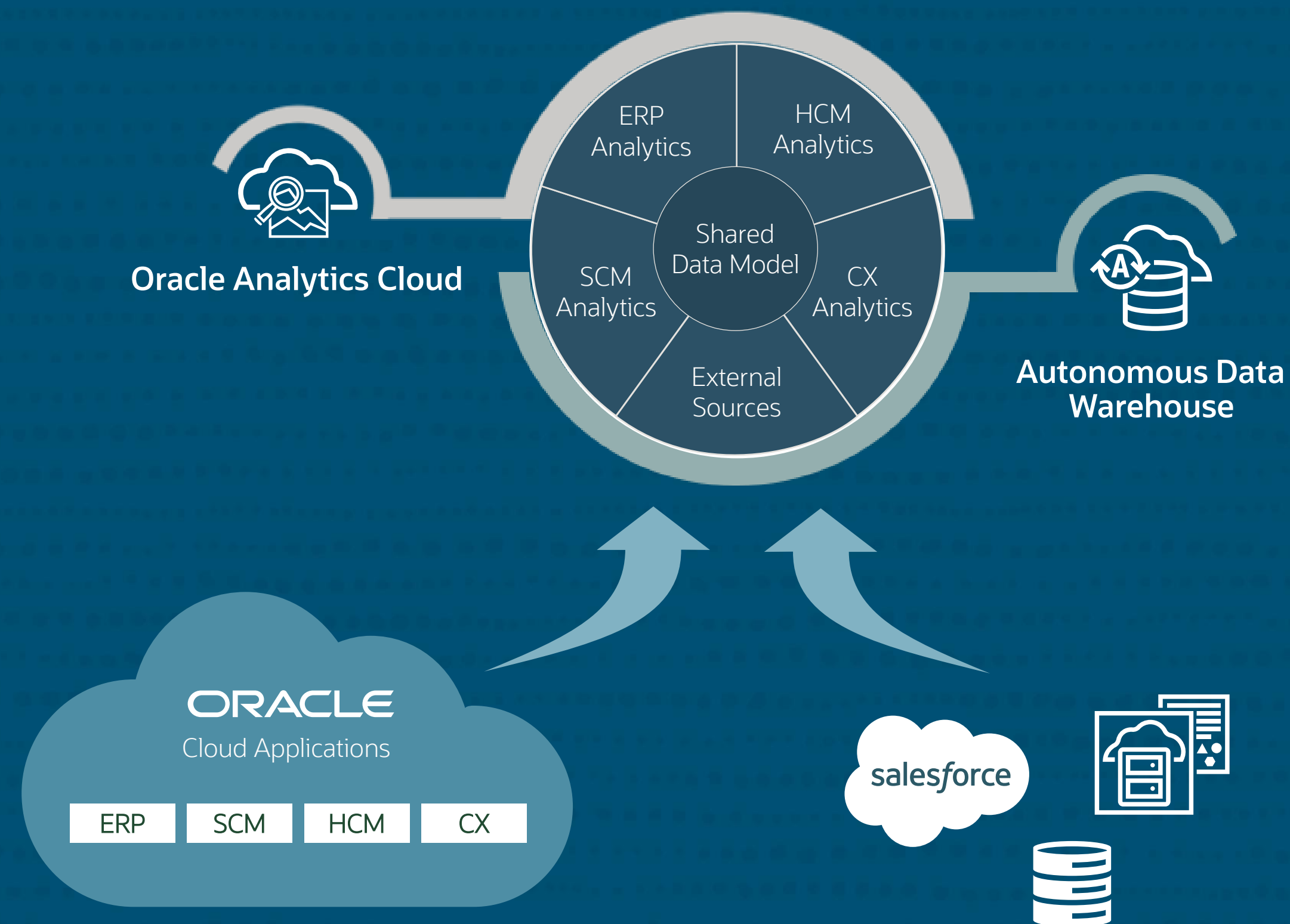
+ ORACLE

Data Analytics for the Win

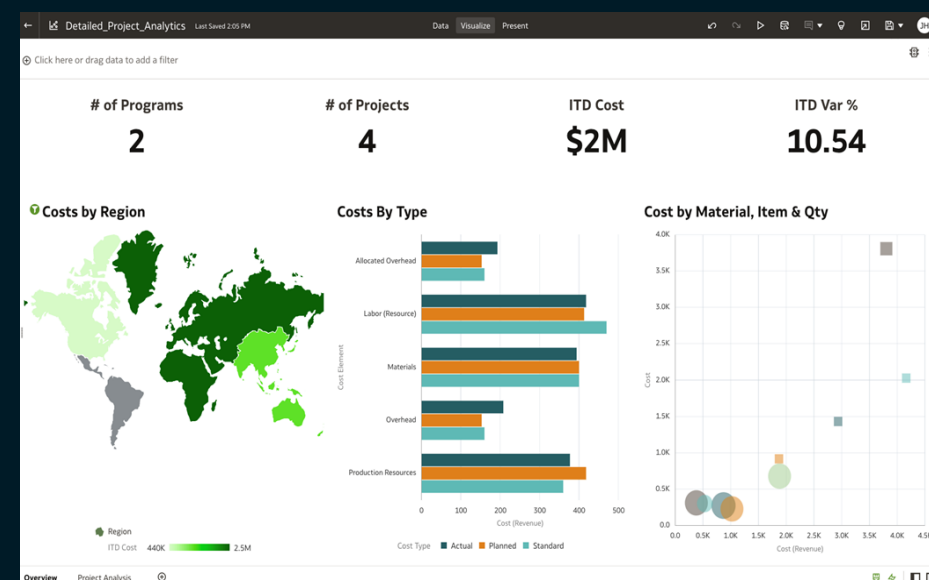


Fusion Analytics Warehouse

Turnkey & extensible analytics for Fusion Cloud Applications



Designed for you



Financial
Manager



Accountant



Audit
Manager

Fusion ERP Analytics

New! Project Management

General Ledger

- Revenue
- Operating expense
- Net income
- EBITDA
- Payroll cost
- Net working capital
- DSO, DPO, DIO
- Current and quick ratio

Accounts Receivable

- AR outstanding
- AR average days outstanding
- AR aging
- AR current due, overdue
- AR average invoices amount
- AR receipts
- AR debit/credit memos amounts
- AR distribution amount

Accounts Payable

- AP current due, overdue
- AP average supplier payment days
- AP turnover
- AP aging
- AP on time & overdue payments
- AP discount taken and lost %
- AP average days on hold
- AP % interest penalties paid

Fixed Assets

- Remaining Life
- Cost
- Net Book Value
- Salvage Value
- Depreciation
- Impairment
- Remaining Life
- Transactions details

Spend

- Addressable Spend
- PO Matched Spend
- Agreement Leakage Spend
- Negotiated Spend %
- Average Spend Per Invoice
- Top ten suppliers
- PO Matched Spend %
- Max, Min, Average Unit Price

Employee Expense

- Total and average expense
- Credit card expense amount
- Cash expense amount
- Manual and auto audit %
- Expense approval cycle time
- Expense filing cycle time
- Cash expense reimburse cycle time
- Average days late

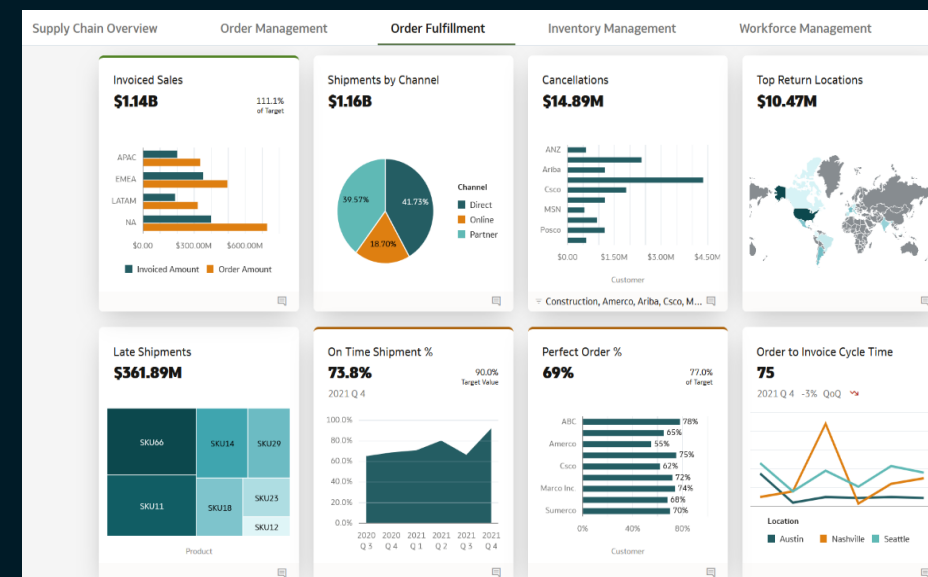
Procurement

- Agreement utilization
- Contracts Expiring
- Items on Agreement
- Requisition-to-receipt cycle time
- Purchasing analysis by discounts, shipped, short closed, etc
- Receipt analysis by delivery, rejected, returns, etc

Projects

- Cost
- Commitments
- Budget
- Forecast
- Material Cost
- Capitalization Cost
- Billable Cost
- Non Billable Cost
- Labour Cost
- Equipment Cost

Designed for you



Supply Chain Head



Inventory Manager



Category Manager

Fusion SCM Analytics

New! Visibility Across Your Supply Chain

Spend

- Spend
- Addressable Spend
- PO Matched Spend
- Agreement Spend
- Non Agreement Spend
- Negotiated Spend
- Non Negotiated Spend
- Agreement Leakage Spend

Agreement

- PO Agreement Header Count
- PO Agreement Approval Cycle Time
- Negotiation to Agreement Approval Cycle Time
- PO Agreement Header Expiring Days
- PO Average Number of Revisions
- PO Agreement Amendments Count

Purchase Orders

- PR to PO Cycle Time
- PO Open Cycle Time
- PO Ordered Quantity
- PO Cancelled Quantity
- PO Billed Quantity
- PO Average Unit Price
- PO Max Unit Price
- PO Accepted Rate
- PO Billed Amount

Requisitions

- Approval to PO Fulfillment Time
- Unprocessed Average Aging Days
- Requisition Quantity
- Requisition Count
- Requisition Line Count
- Unfulfilled Requisition Amount
- Unfulfilled Overdue Requisition Amount
- Fulfilled Cycle Time Days

Sales Orders & Holds

- Perfect Order Rate
- Fulfillment Lines on Holds
- Order Shipped in Full %
- Order On Time Shipment %
- Order To Ship Cycle Times
- Avg Order Promising Delay
- Fulfillment Lines on Holds
- Average Hold Time

Receipts

- PO Receipt Delivered Quantity
- PO Receipt Received Quantity
- PO Receipt Accepted Quantity
- PO Receipt Rejected Quantity
- PO Received Lines Early %
- PO Received Lines Late %
- PO Receipt Processing Time
- PO Receipt Transportation Days
- PO Receipt Lines Accepted Count

Cost & Inventory Valuation

- On-hand Value
- Unit Cost
- Material Cost
- Overhead Cost
- Resource Cost
- Profit In Inventory
- % Material Cost
- % Material Overhead Cost
- % Resource Cost

Inventory Transactions

- Transaction Primary Quantity
- Transaction Secondary Quantity
- Transaction Quantity
- Transaction Issuance Quantity
- Transaction Receipts Quantity
- Consignment Received Quantity
- Transferred Quantity

Designed for you



Head of
Diversity



Compensation
Manager



Talent
Acquisition
Leader

Fusion HCM Analytics

New! Diversity, Payroll and Learning Analytics

Workforce

- Headcount, FTE, Hires
- Promotions rate
- Headcount movement
- Gain hire, transfer, promotion
- Loss termination, reorganization
- Assignment gain, hire
- Span of control
- Compensation ratio

Talent Acquisition

- Hires (referral, internal, etc.)
- Talent yield
- Drop-off rate
- Offer acceptance rate
- Hires to goal
- Time to hire
- Average time-to-fill
- Requisition fill rate

Diversity & Inclusion

- Female gender ratio
- Average worker age
- Average tenure
- Manager gender ratio
- Distinct worker nationalities
- Distinct worker ethnicities
- % of workers by age groups
- Applications & offer diversity

Internal Mobility

- Headcount Gain
- Headcount Movement
- Assignment Count Hire
- Person Count Transfer
- Loss Reorganization
- Loss Transfer
- FTE Loss

Retention & Turnover

- Terminations by voluntary, new hire, top talent
- Turnover involuntary, new hire, high performer
- Turnover by top talent compa ratio
- Retention by FTE, new hire, top talent

Performance & Goals

- High performers | potentials
- Incomplete Performance Appraisals
- Delayed performance tasks
- Performance Rating Distribution
- % workers with goals not completed
- % performance goals completion
- % workers with long pending dev. goals

Absence & Accruals

- Approved absences
- Female gender ratio approved
- Male gender ratio rejected
- Withdrawn absences
- Percent of absences rejected
- Accrual plan absences
- Absence approval rate for higher performance worker

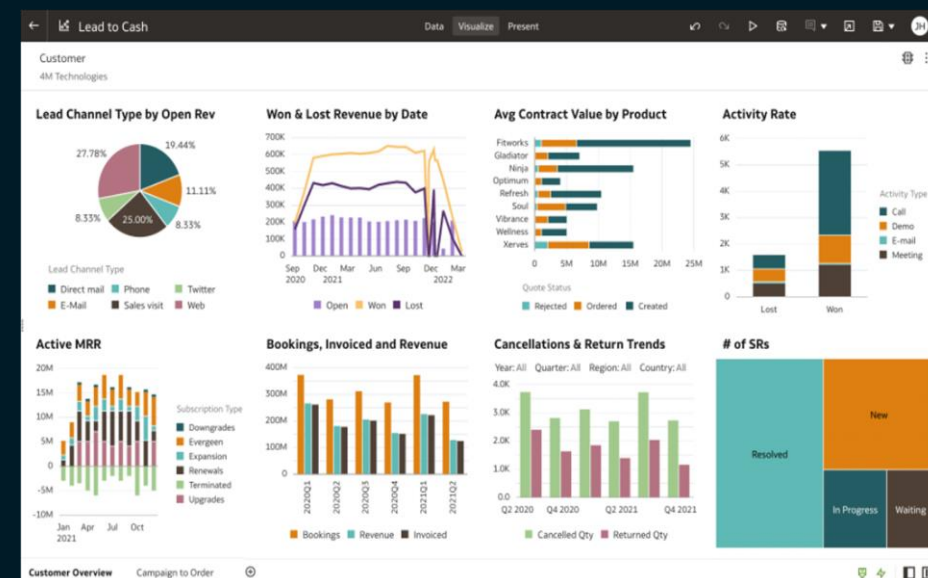
Compensation

- Compensation amount
- Compensation variance
- Average allocation percentage
- Workforce salary distribution
- Workforce w/salary amount below range
- High performer salary change %
- Average annualized salary
- New hire salary cost

Talent Profile

- % workers with Active Profiles
- Profiles that requires travel
- Competencies
- % workers by next career move timing
- Workers willing to re-locate
- Workers ready now for a career move
- Workers with risk of loss
- Workers with impact of loss

Designed for you



CRO



Campaign Manager



Demand Gen Lead

Fusion CX Analytics

New! Revenue Intelligence

Sales Pipeline

- Won Sales
- Weighted Pipeline
- Opportunity Progression
- Sales Velocity
- Average Deal Size
- My Pipeline
- My Accounts
- Win Rate
- Team All-Stars

Campaign

- Campaign Attributed Leads
- Camp Attributed Opportunities
- Campaign Attributed Revenue
- Campaign ROI
- Camp Cost per Won Revenue
- Camp Cost per Opportunity
- Top Campaigns
- Camp Targeted Accounts
- Camp Cost Per Revenue Line

Leads

- New Leads
- Number of Leads
- Average Lead Age
- Lead Qualification Rate
- Lead Conversion Rate
- Won Revenue by Lead Channel
- Lead to Opportunity Velocity
- Accounts – Leads
- Lead Qual to Conversion

CPQ

- Number of Quotes
- Quote Cycle Time
- Quote Conversion Rate
- Average Quote Value
- Opportunity to Quote Velocity
- Average Non-Recurring Rev
- Average Usage Revenue
- Quotes with Proposal

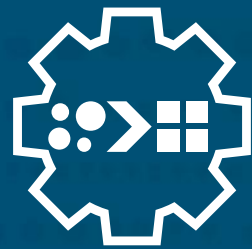
Activities

- Number of Activities
- New Activities
- Activity Rate – Won Opportunity
- Avg Activities per resource
- Activity Duration
- Opportunity – Activity Rate
- Lead Activity Rate
- Resource Activity Rate
- Customer Facing Activities

Subscription Mgmt.

- MRR
- TCV
- Average Revenue Per Customer
- Active Customers
- Churn Rate
- New Customers
- MRR Due For Renewal
- MRR Renewal Rate
- New vs Expansion MRR

Fusion Analytics: Fully Extensible & Customizable



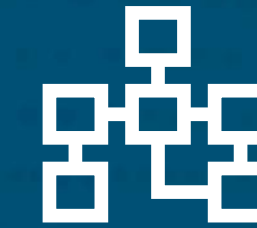
Managed data pipelines

Use any ETL tool to bring external data into the DW and mash it up with the Fusion data. Oracle manages the data pipeline for you.



Custom DW schema

Fusion Analytics offers a custom data warehouse schema. Bring your own data.



Semantic model extensions

Fusion Analytics allows you to extend the out-of-box semantic model.



Custom Security

Build your custom security to match your Global Enterprise security.



OAC consolidation

Consolidate multiple instances of Oracle Analytics Under a unique Oracle Fusion Analytics instance.



Bundles

Bundle all your extensions together and move them from one environment to another.

Fusion Analytics: ML Powered Advanced Analytics



Customer Collection Risk Prediction

Prioritizes collections based on the probability of default for each invoice and customer, using predictive algorithms on aging receivables.



Spend Classification

Classifies payables items based on UNSPSC and defined enterprise categories for better insights into spend.



Diversity Analysis

Uncovers anomalies like unconscious bias across hiring, turnover, internal mobility, and salary across gender, age, and ethnicity.



On-Time Payment Risk Prediction

Predicts risk of paying a vendor late or of an invoice being paid late. Helps maximize discounts and improve vendor relationships.



Expense Anomaly Detection

Identifies anomalous expenses to prevent fraud and improve processing times



Employee Skills Matching

Computes job-to-person match scores and identifies skill gaps to drive improvements in workforce distribution.



Recognized by Industry Analysts
As a Leader and a Visionary



Oracle Analytics Leaders

Best Analytics Solution for the Oracle Cloud



Modern AI-powered analytics at enterprise scale



New innovations: Auto Insights, AI Services, and Semantic Modeler



Fusion Analytics: Turnkey, extensible and customizable



Join the Global Leaders program

Try Oracle Analytics now!

Explore Augmented Analytics

Brain MRI - Image Classification - Oracle AI

Pituiary Tumor

8.24%

Confidence

100%

91.76%

Tumor No Tumor

Meningioma Tumor

85.90%

Confidence

100%

85.9%

Tumor No Tumor

Glioma Tumor

2.14%

Confidence

100%

97.86%

Tumor No Tumor

No Tumor

3.72%

Confidence

100%

96.28%

No Tumor Tumor

Image Analyzed

Image	MRI Images
Tm(11).jpg	1

AI Model Training

Precision: 0.8989

Recall: 0.8771

F1 score: 0.8878

Total images: 2842

Test images: 285

Trained duration: 1.9H

AI Model Confidence by Tumor

Confidence

0% 99.96%

Confidence

0% 99.96%

MRI images

Tgg(1).jpg Tgg(10).jpg Tgg(100).jpg Tgg(11).jpg

Tgg(12).jpg Tgg(13).jpg Tgg(14).jpg Tgg(15).jpg

Tgg(16).jpg Tgg(17).jpg Tgg(18).jpg Tgg(19).jpg

Tgg(20).jpg Tgg(21).jpg Tgg(22).jpg Tgg(23).jpg

Author: Benjamin Arnulf - Platform: Oracle Analytics + OCI AI image classification custom model - License: [CC0: Public Domain](#) - Source: <https://github.com/sartajbhuvaji/brain-tumor-classification-dataset> - Images for training: 2842



Commodity price increase and disparity across India

The World Food Programme (WFP) is the leading humanitarian organization saving lives and changing lives, **delivering food assistance in emergencies**, and **working with communities to improve nutrition and build resilience**. As the international community has committed to ending hunger, achieve food security, and improved nutrition by 2030, **one in nine people worldwide still do not have enough to eat**. For its efforts to **combat hunger**, for its contribution to bettering conditions for peace, and for acting as a driving force in **efforts to prevent the use of hunger as a weapon of war**, the World Food Programme was awarded the **Nobel Peace Prize in 2020**.

1.7x

Rice

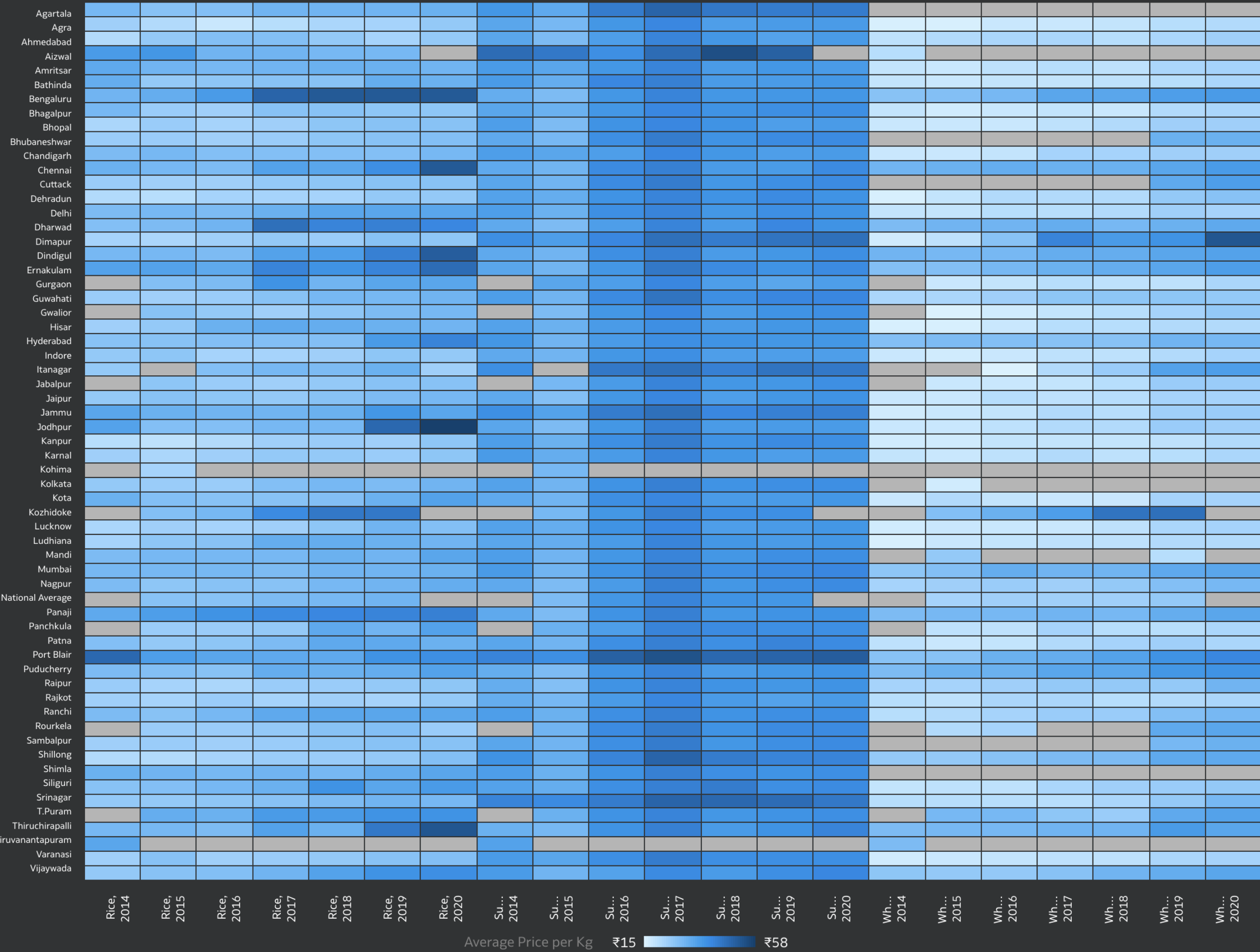
1.2x

Sugar

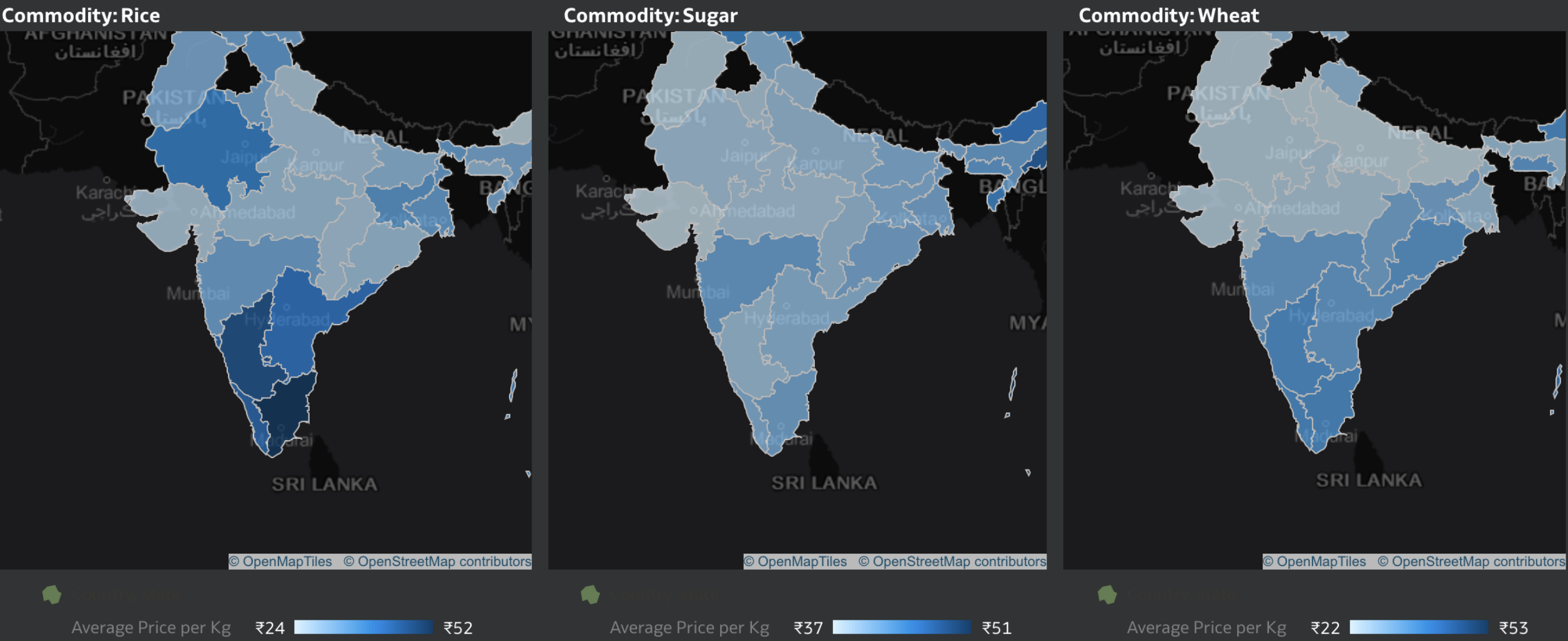
1.6x

Wheat

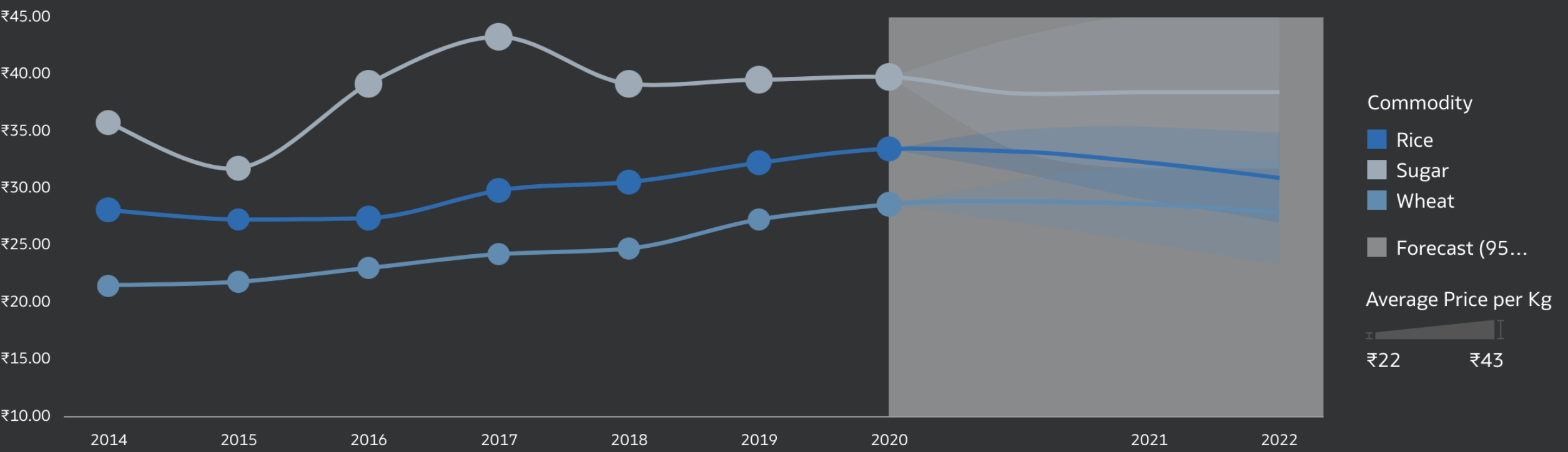
Average price by kg per year and market in India



Latest average price by kg and state



Average Price volatility by kg per Commodity and Year



Search

MRI-1

- Anatomy Part
- Value
- Diagnostic

My Calculations

MRI-2

My Calculations

MRI-3

My Calculations

Value Labels

Gender: Male
Marital Status: Single
Country: USA
State: Florida
Ethnicity: White
Health Insurance: Yes

Map

Trellis Columns

Trellis Rows

Anatomy Part, Di...

Category (Location)

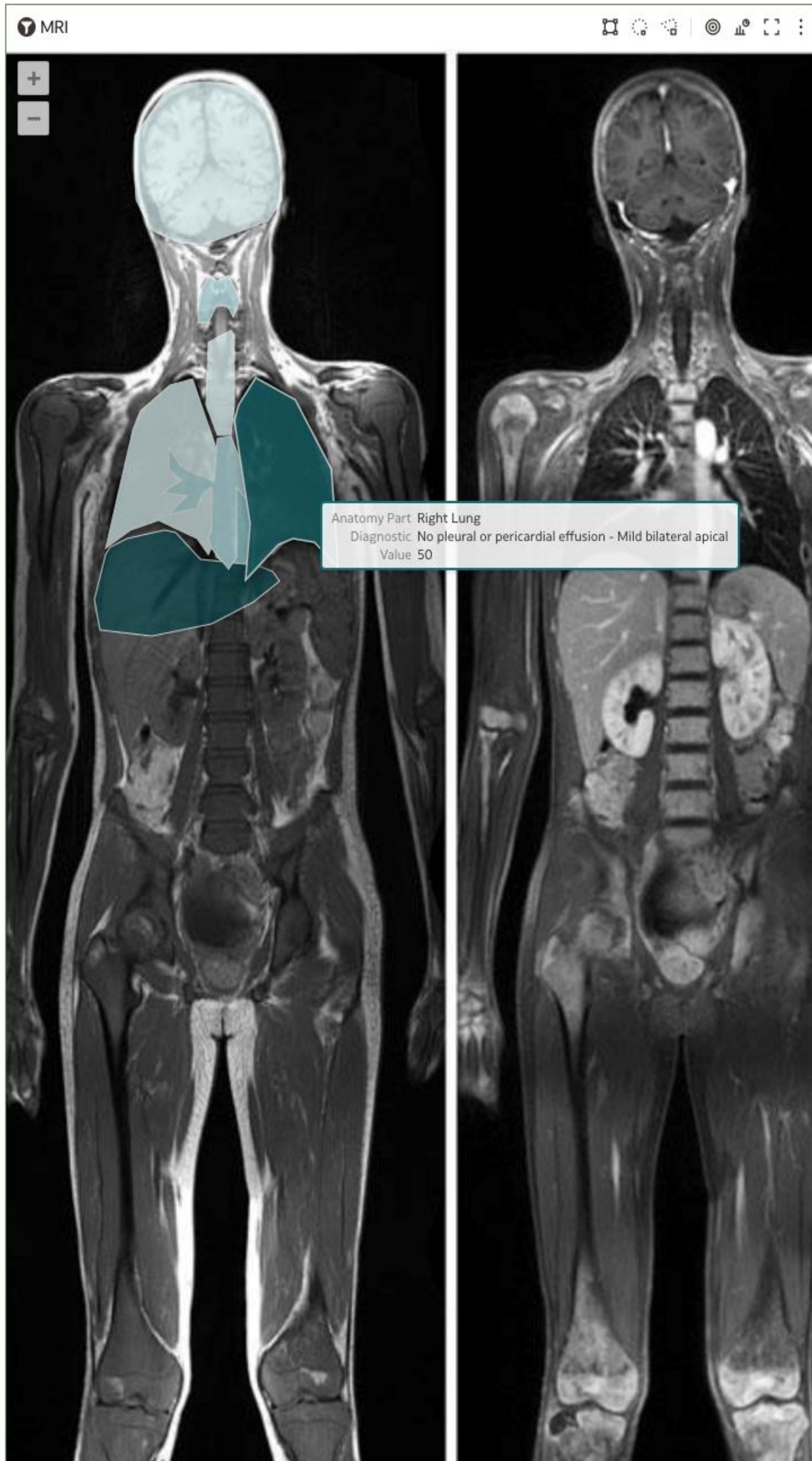
- Anatomy Part
- Diagnostic

Color

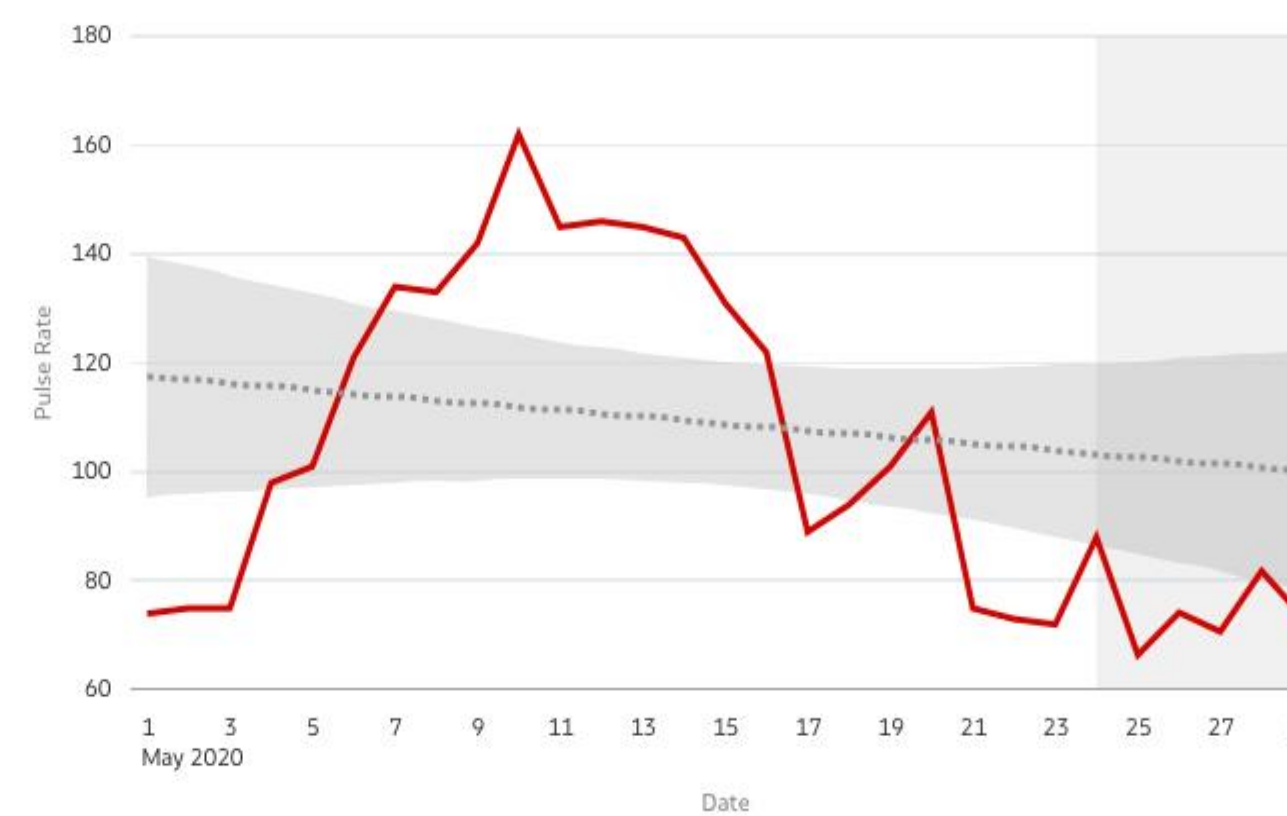
- Value

Tooltip

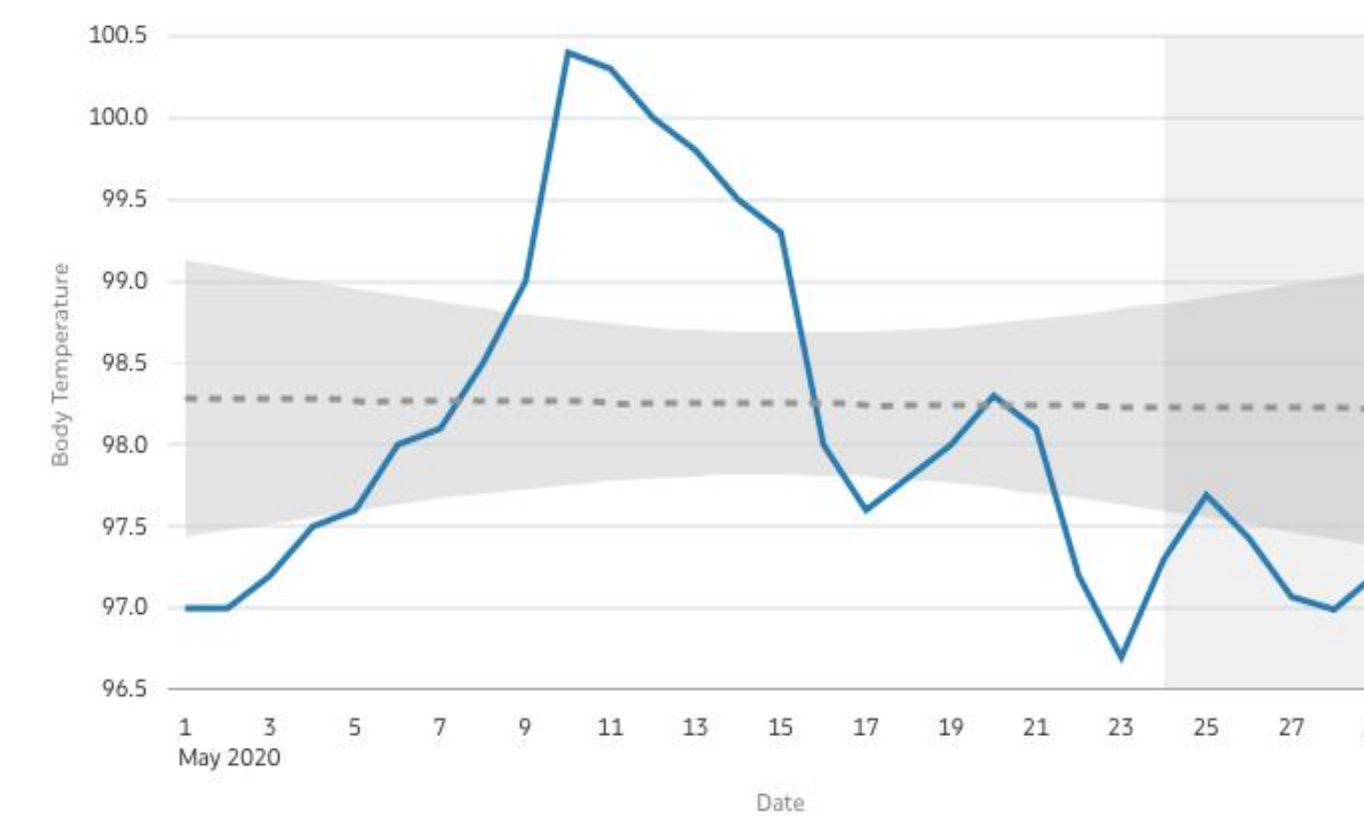
Filters

Height
5.10Weight
148Age
39

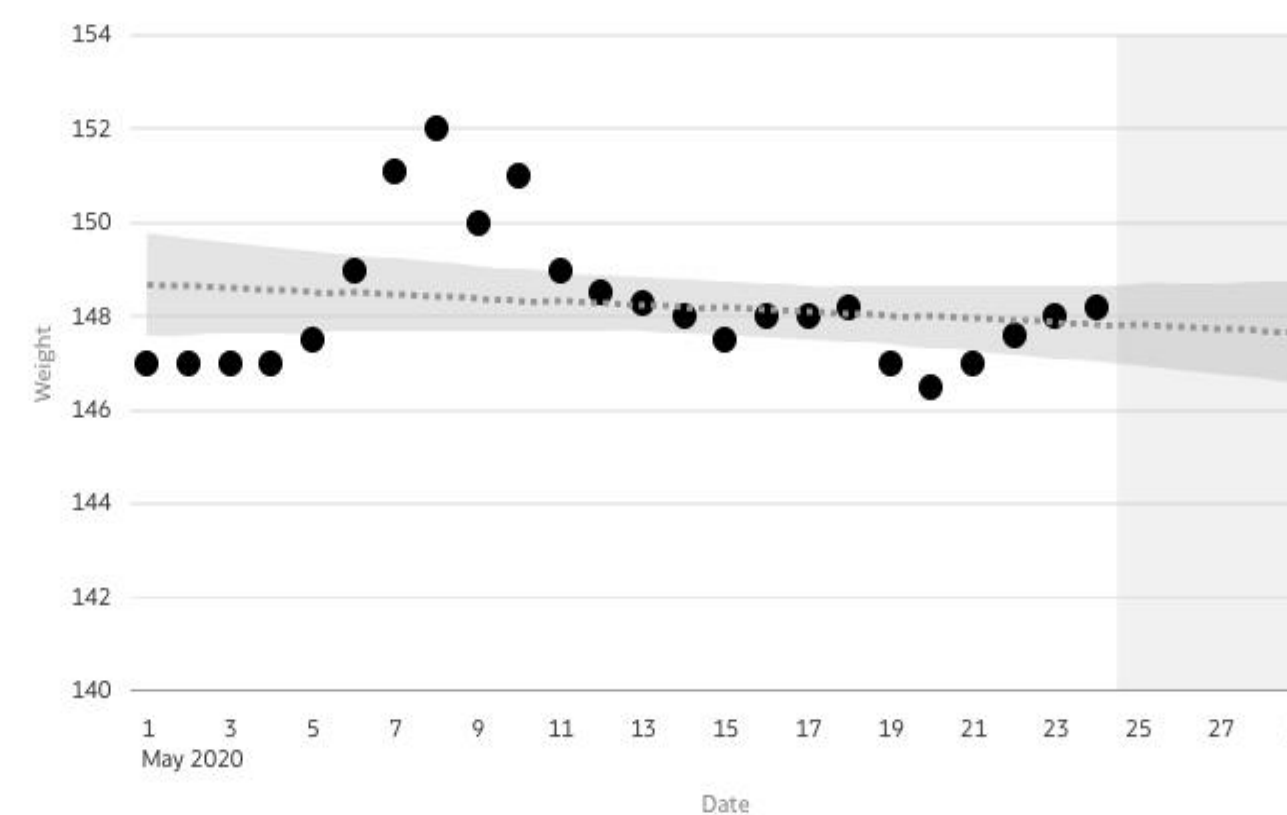
Pulse Rate by Date



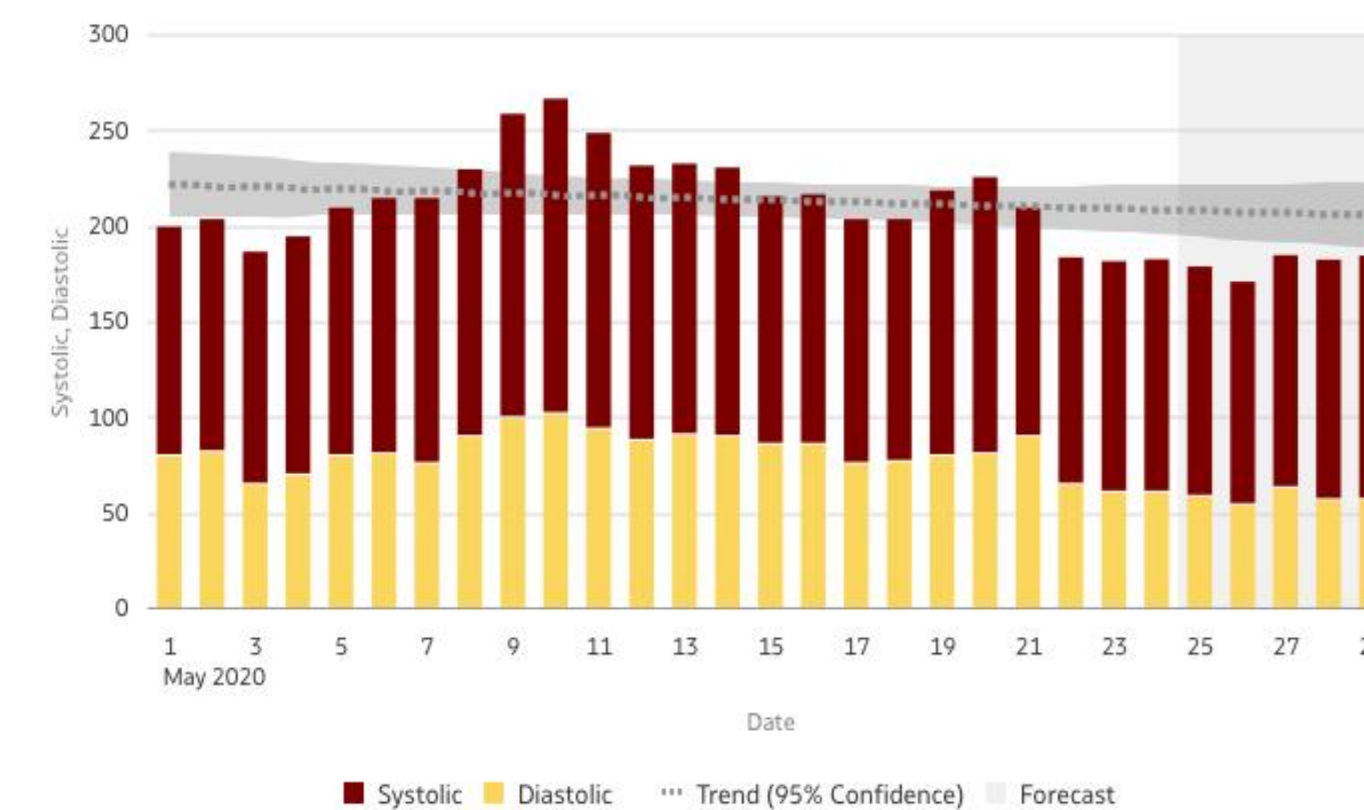
Body Temperature by Date



Weight by Date



Systolic, Diastolic by Date



MRI

#

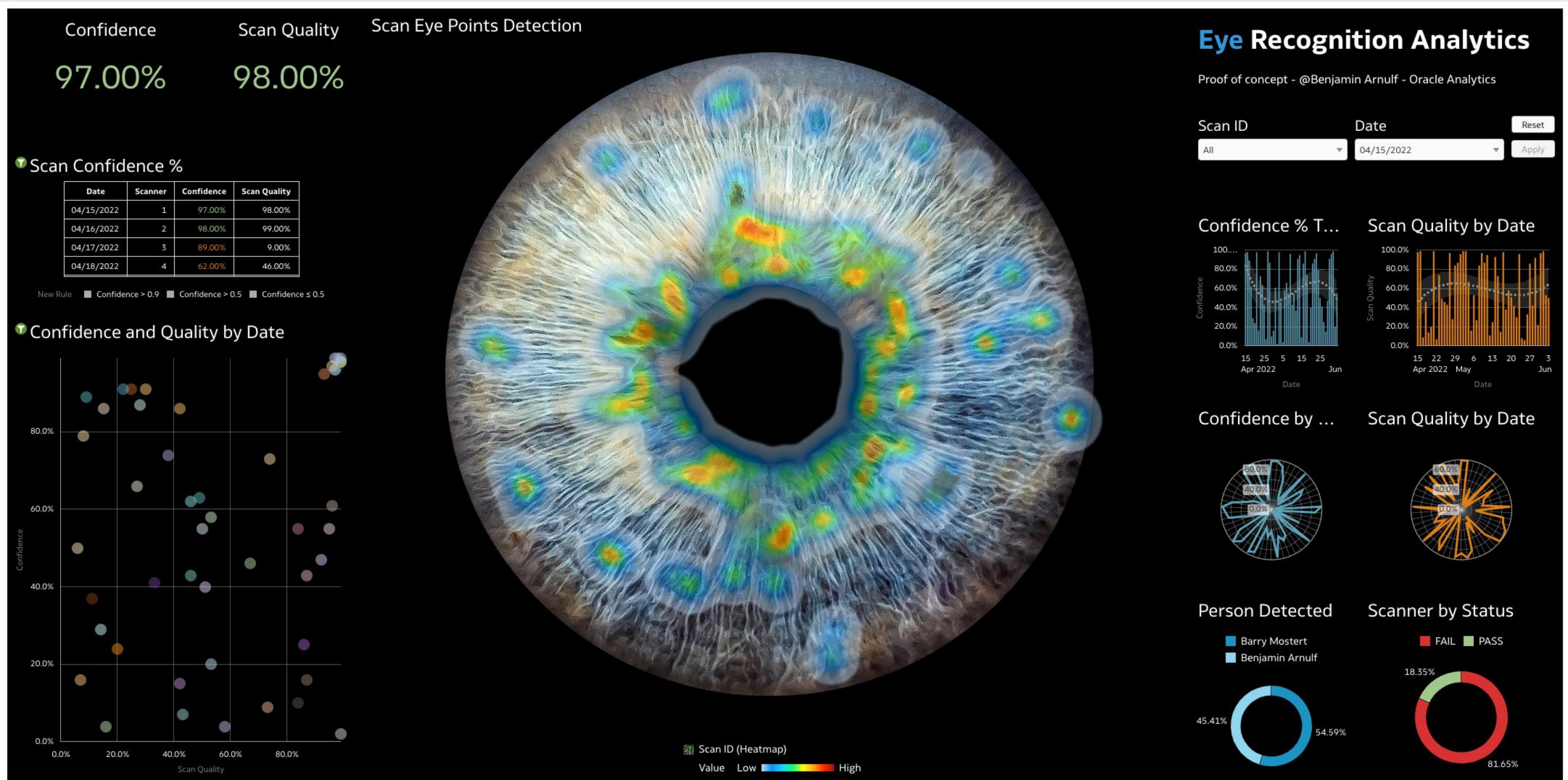
Title: Custom

MRI

Title Tooltip: Auto

Title Font: Auto

Person Detected	Status	Date	Scan ID	Value
All	All	Full Range	All	Full Range



Eye Recognition Analytics

Proof of concept - @Benjamin Arnulf - Oracle Analytics

Scan ID

All

Date

04/15/2022

Reset

Apply

Confidence % T...

Scan Quality by Date

Confidence by ...

Scan Quality by Date

Person Detected

Barry Mostert

Benjamin Arnulf

45.41%

54.59%

Scanner by Status

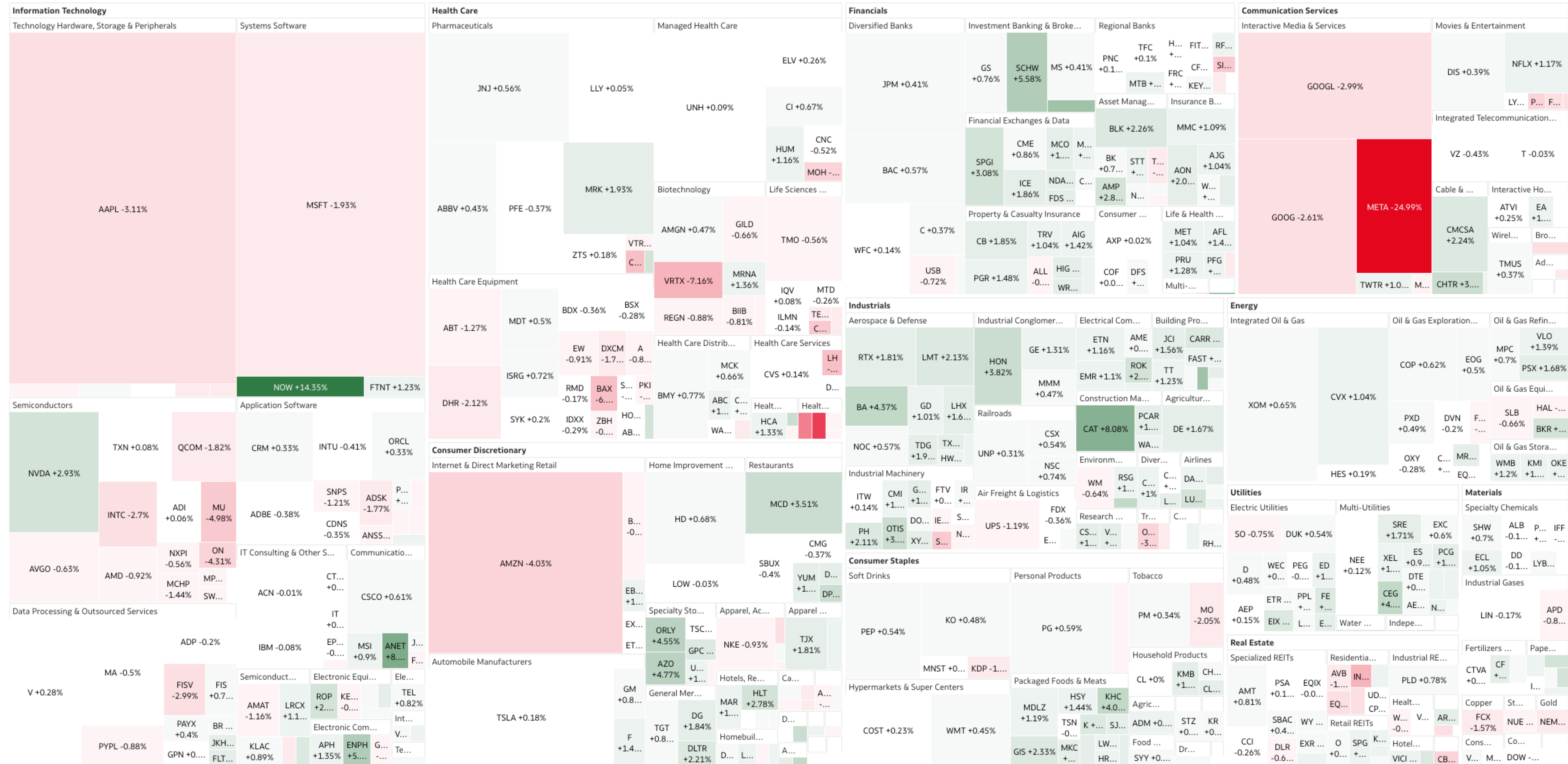
FAIL

PASS

18.35%

81.65%

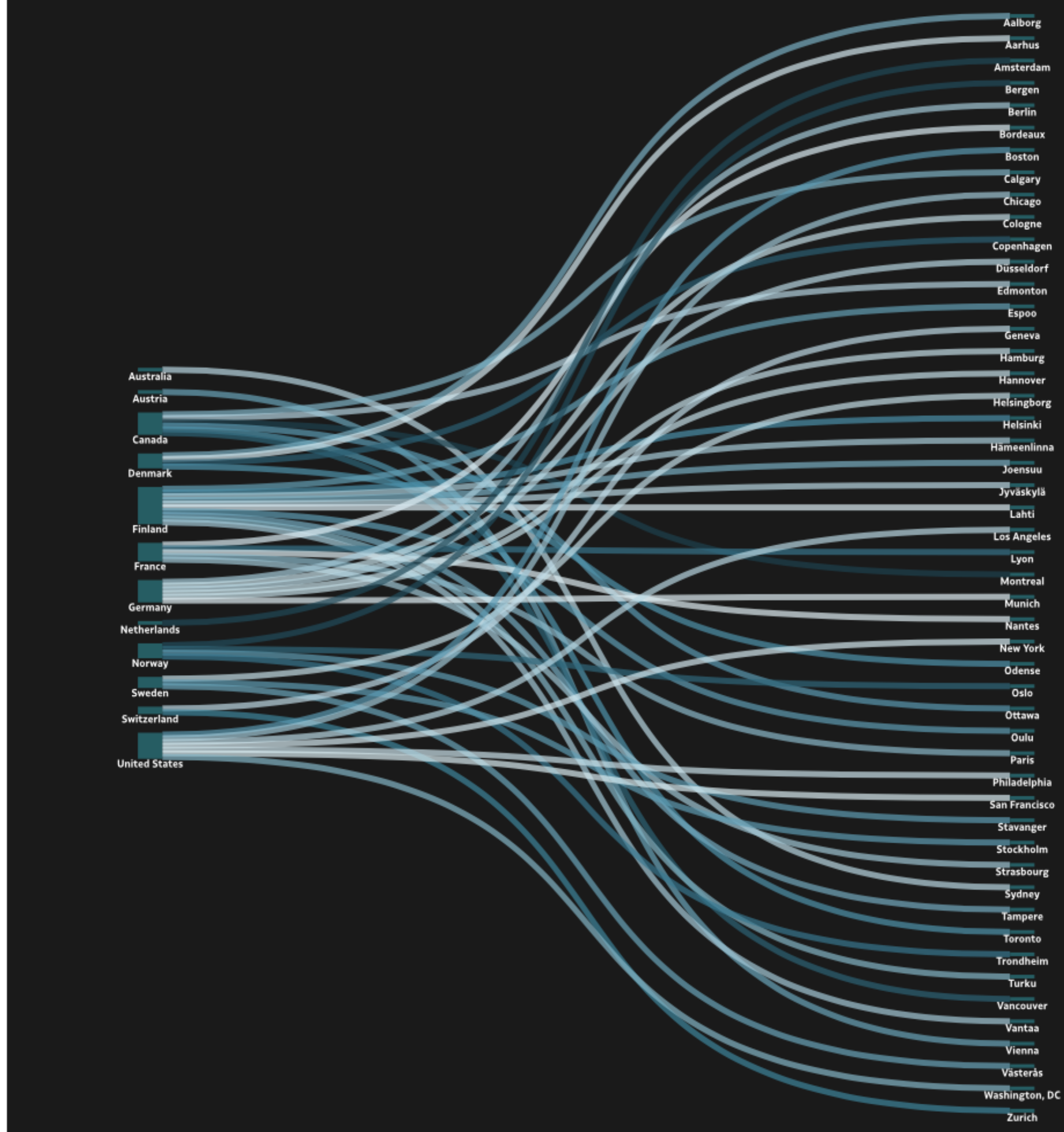
SPY Daily Performance Change Treemap - ETF Stock Weight (box size) and Stock Performance (Color)



Smart City Analytics

Utilizing different types of IoT (Internet of Things) sensors to collect and manage data - combined with many other technical integrations into city hubs. The Leap Data team utilized globally recognized indices (formalized for the evaluation of Smart City initiatives). The indices utilized to create these insights were developed exclusively from Open Datasets. [Dataset Source](#): Magda Monteiro - Data Scientist at Santa Catarina Government. [Data Visualization](#): @BenjaminArnulf - Analytics Platform: Oracle Analytics Cloud.

📍 Top 50 Smart City by Country and Index



Smart City Index 6.3K 7.4K

Smart Index by City



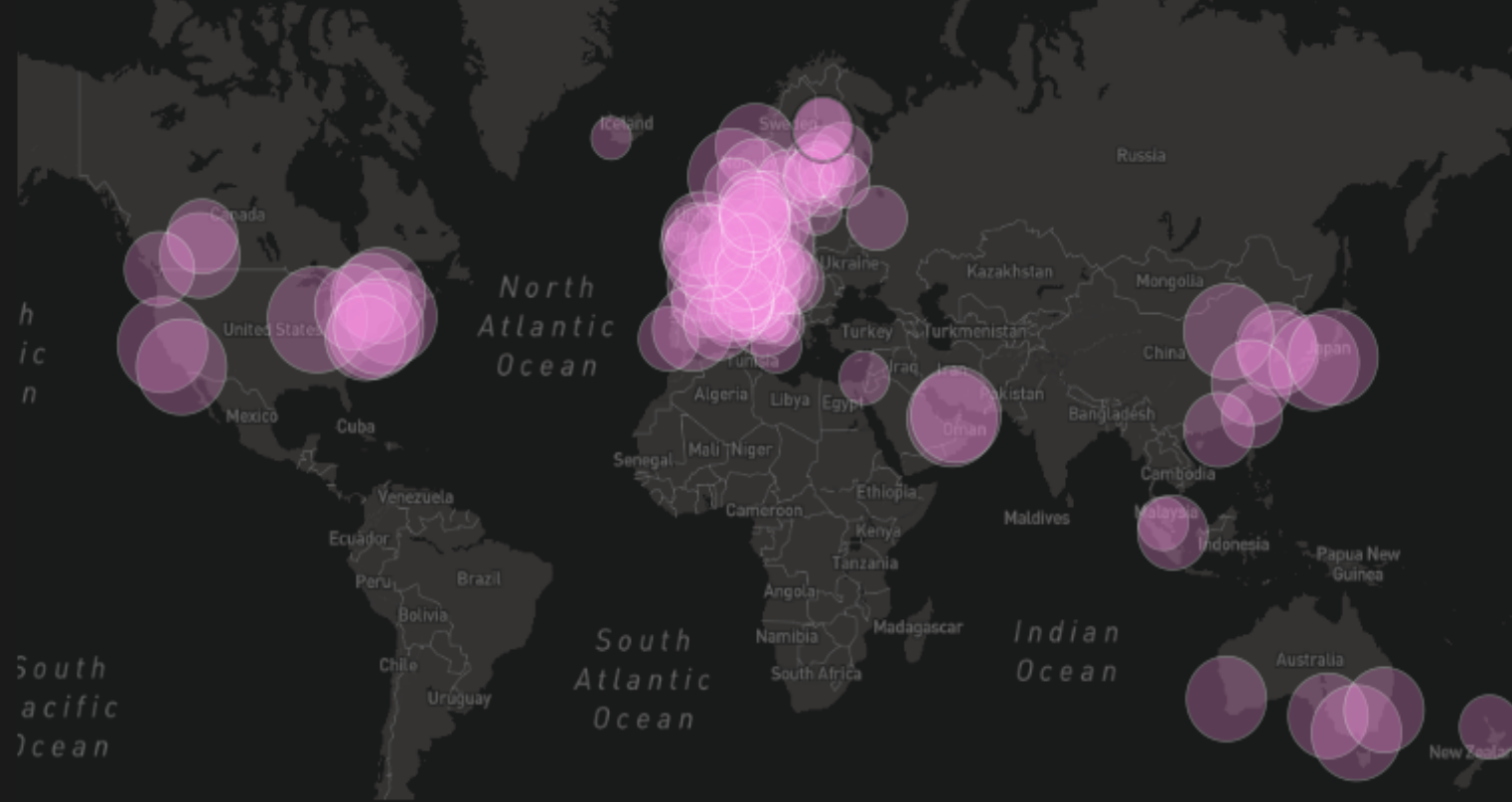
The aggregate score for the smart city model based on smart city supergroups.

Smart Environment Index by City



Index calculated from environmental sustainability impact, monitoring pollution, and energy management.

Smart Mobility Index by City



Index calculated from assessment of city-wide Public Transportation System, ICT, accessibility infrastructure.

Smart Economy Index by City



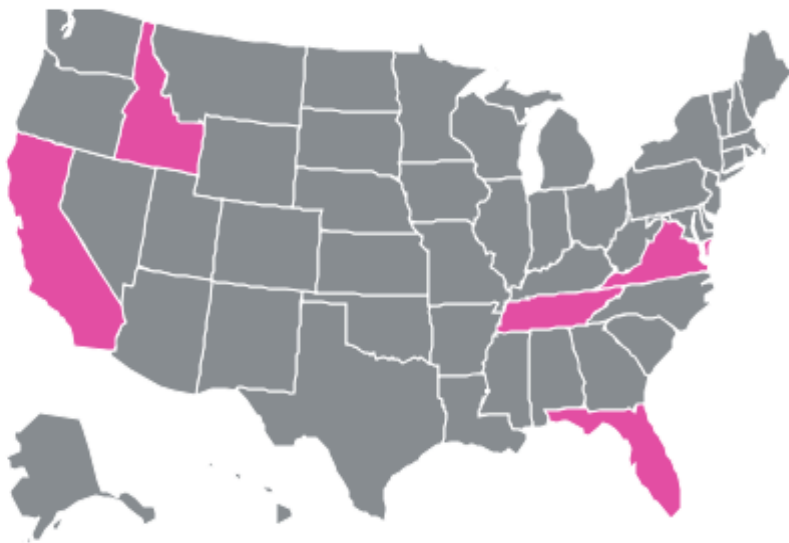
Index calculated through global comparison of city-wide productivity, economic vitality, and support.

HCM Analytics - Top Talent

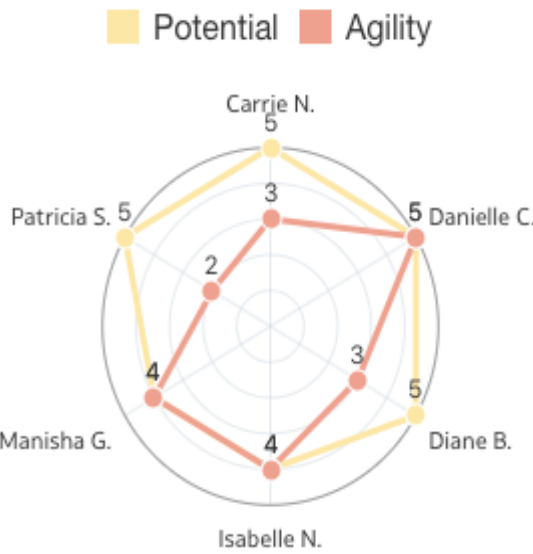
Annual Master KPI



Location of Top Talents by State



Potential and Agility Radar



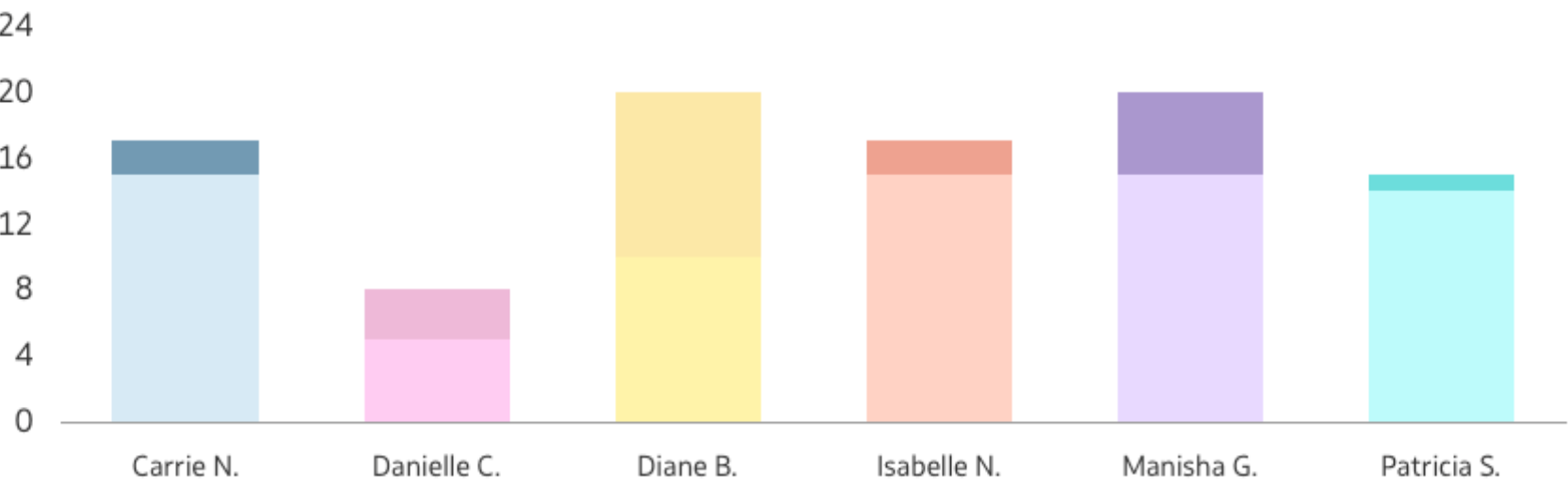
Attribute Indicators by Top Talent

Name	Business Travel	Restricted Stock	Manager
Carrie N.	●	●	●
Danielle C.	●	●	●
Diane B.	●	●	●
Isabelle N.	●	●	●
Manisha G.	●	●	●
Patricia S.	●	●	●

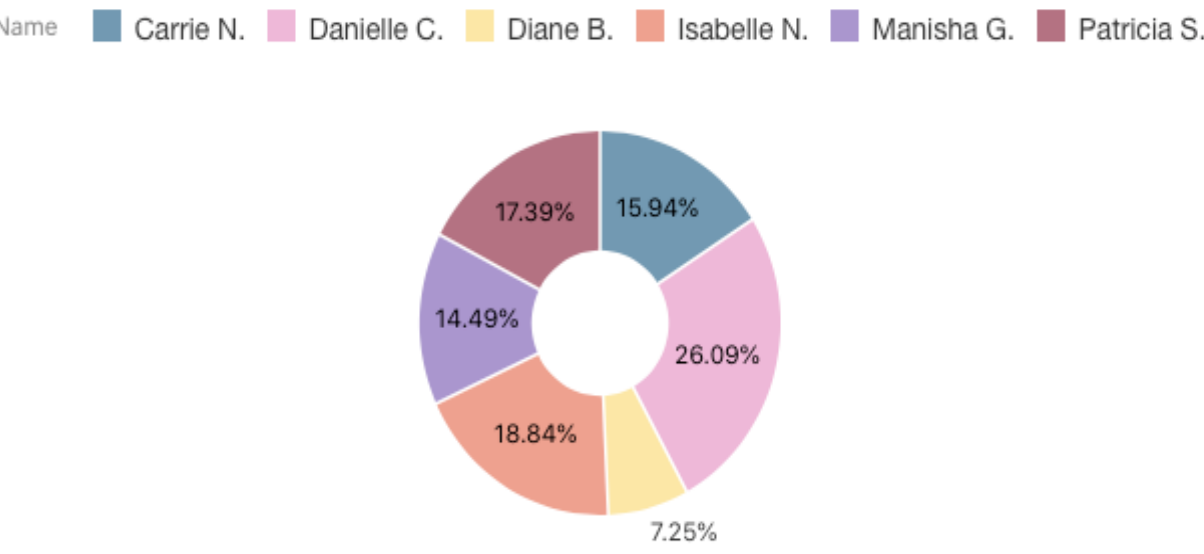
Talents Total Headcount

12

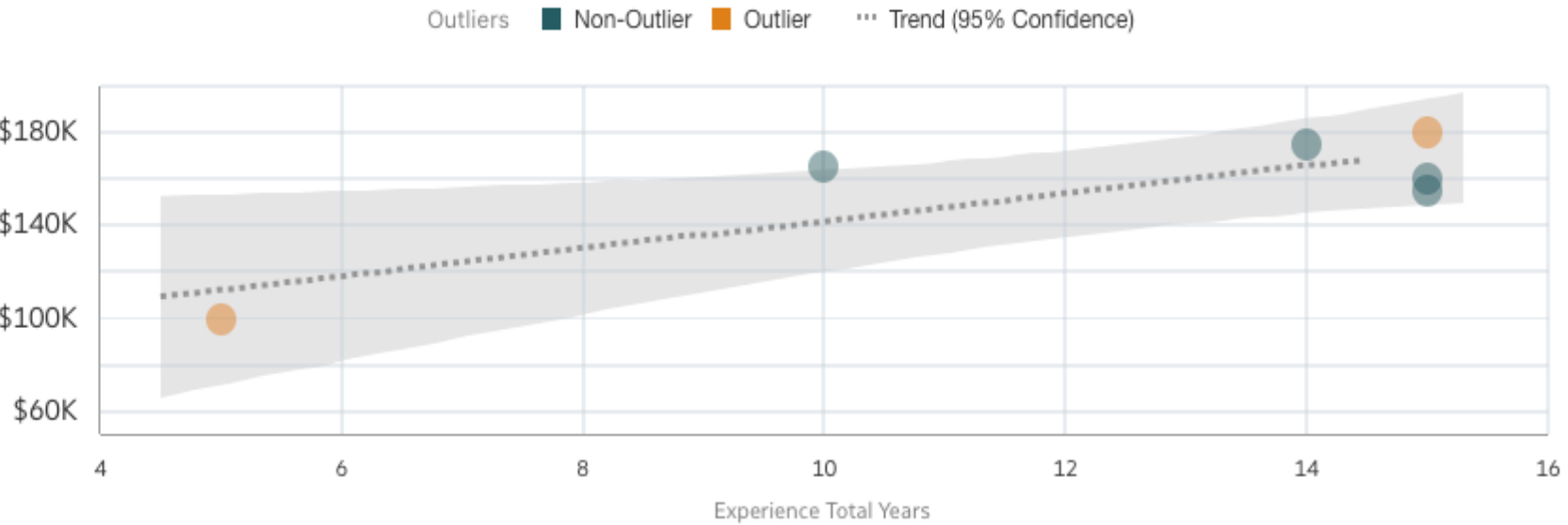
Total experience vs Company Experience



Overtime % by Top Talent



Outliers for Income vs Total Experience



🔍

Search

⊕

📁 Streaming Dataset

🕒 Date Time

Steps

Miles

Speed

Meter Square

📁 My Calculations

📁 BostonData

📍 Location

🕒 Time

Time Detail

Speed

📍 City

📍 Country

📁 My Calculations

🏷 Value Labels

🔍

Oracle Industries Innovation Lab Laser Analytics

FARO

BostonDynamics

📍 Click here or drag data to add a filter

📊 Surface Scanned

📊 Speed per Minute

📊 Miles per Minute

📊 Steps per Minute

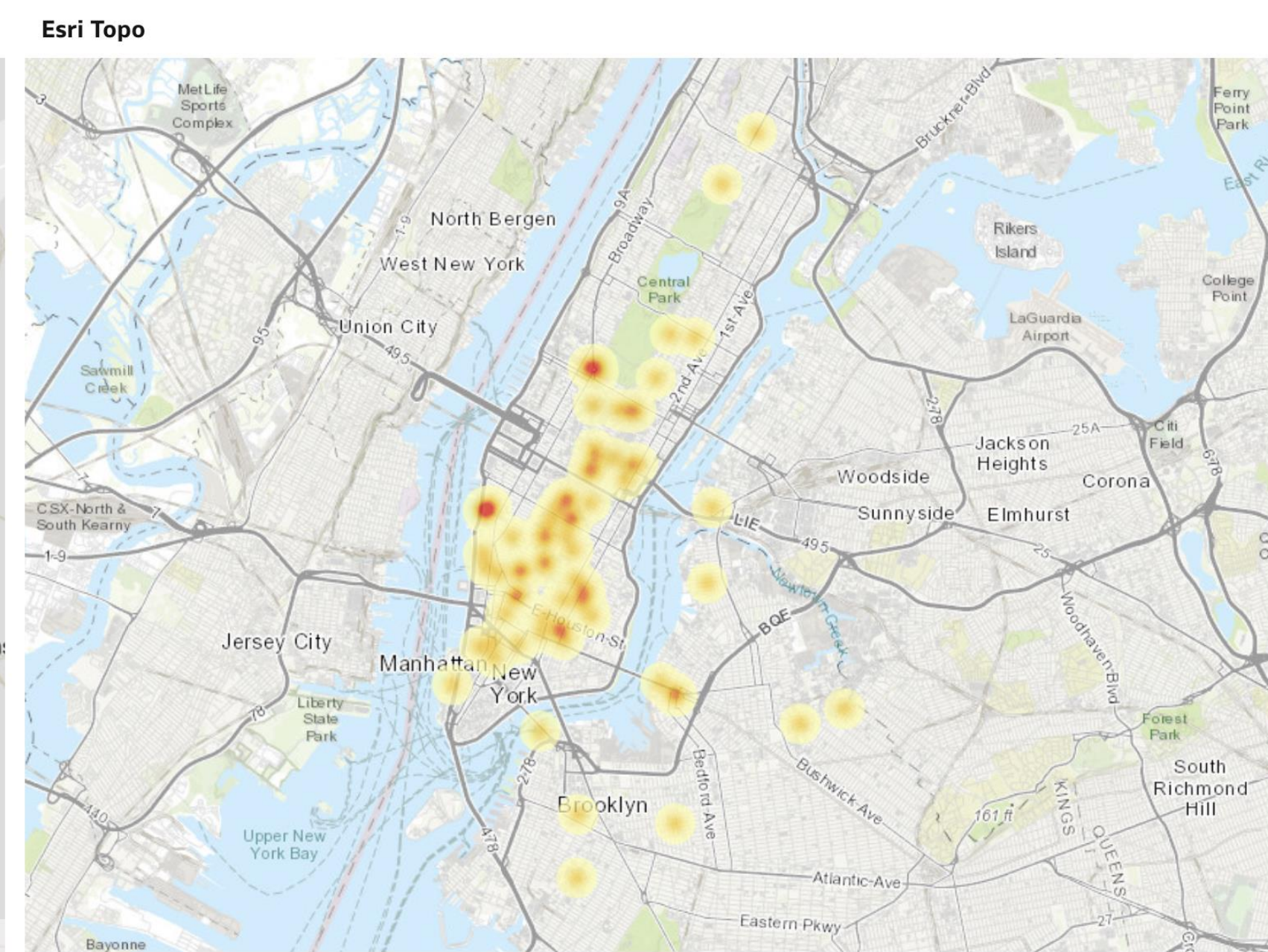
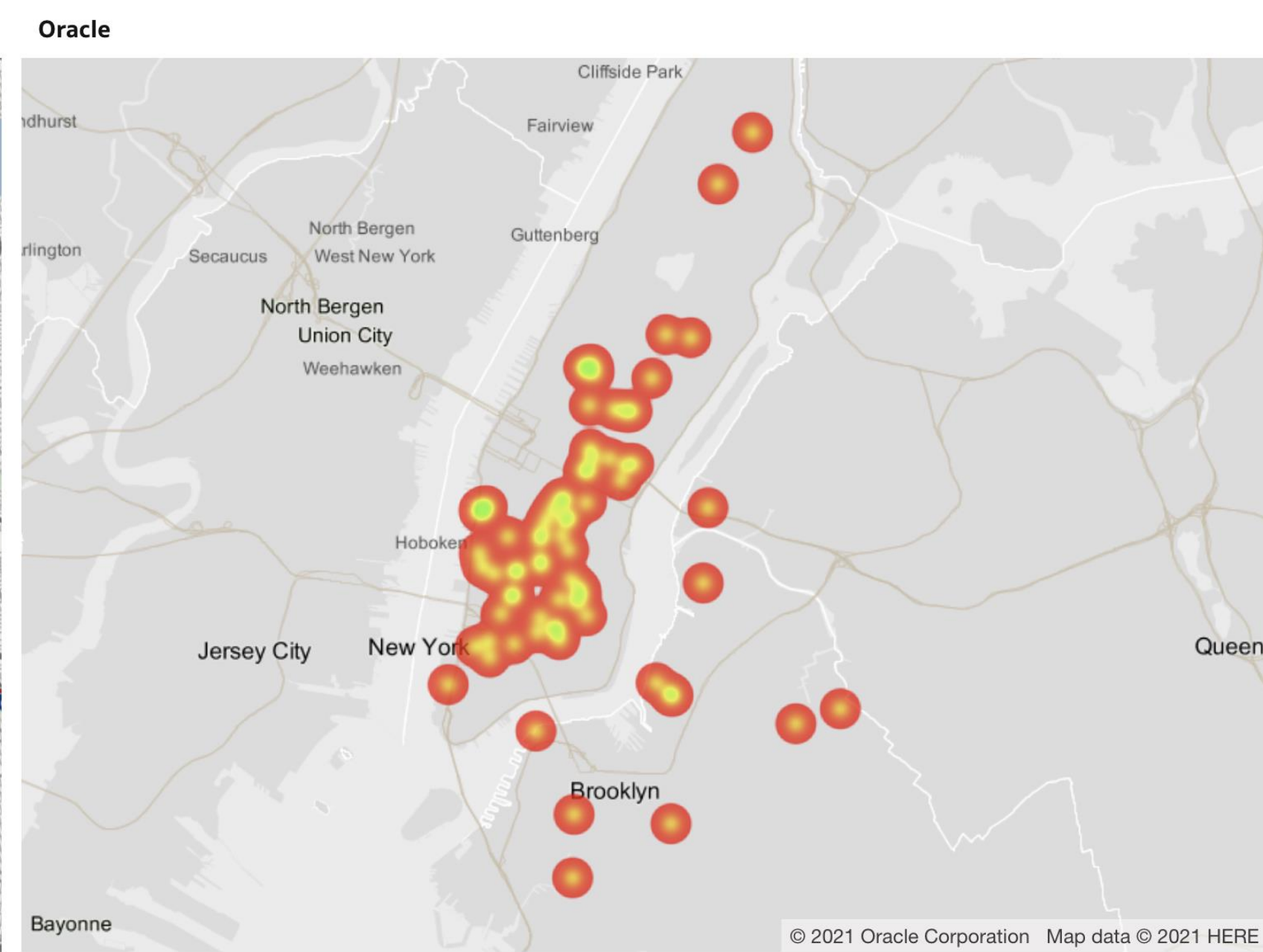
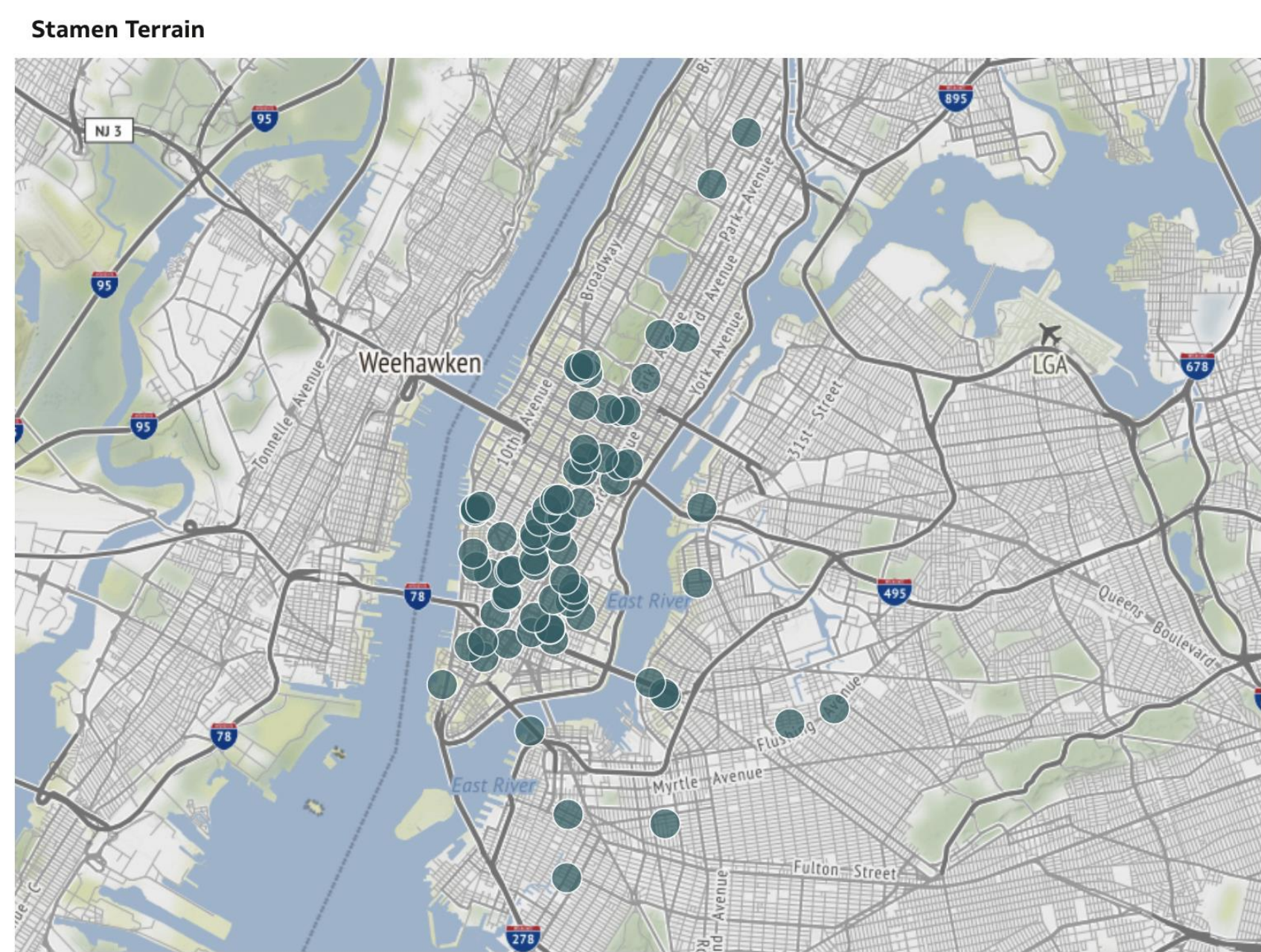
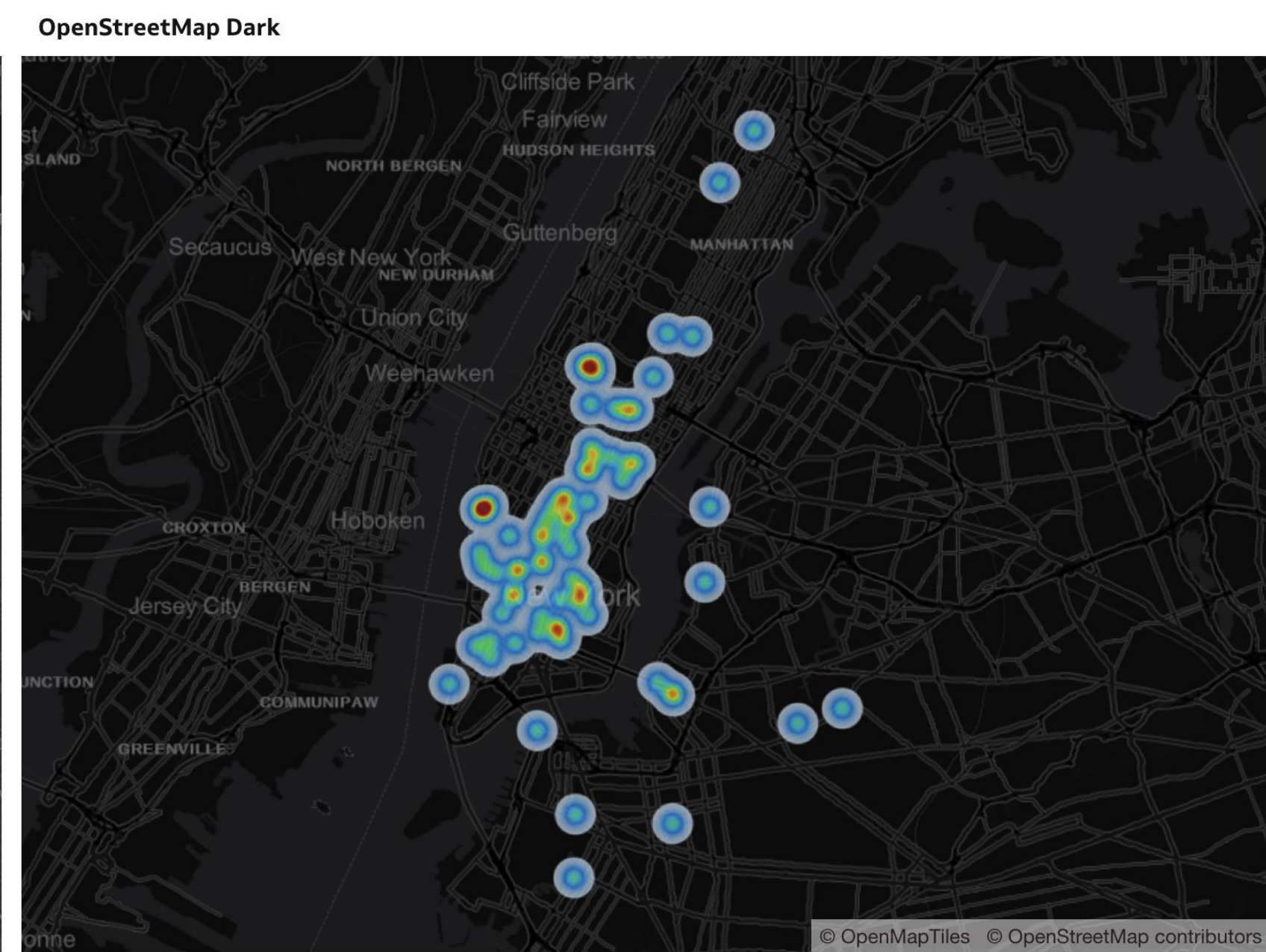
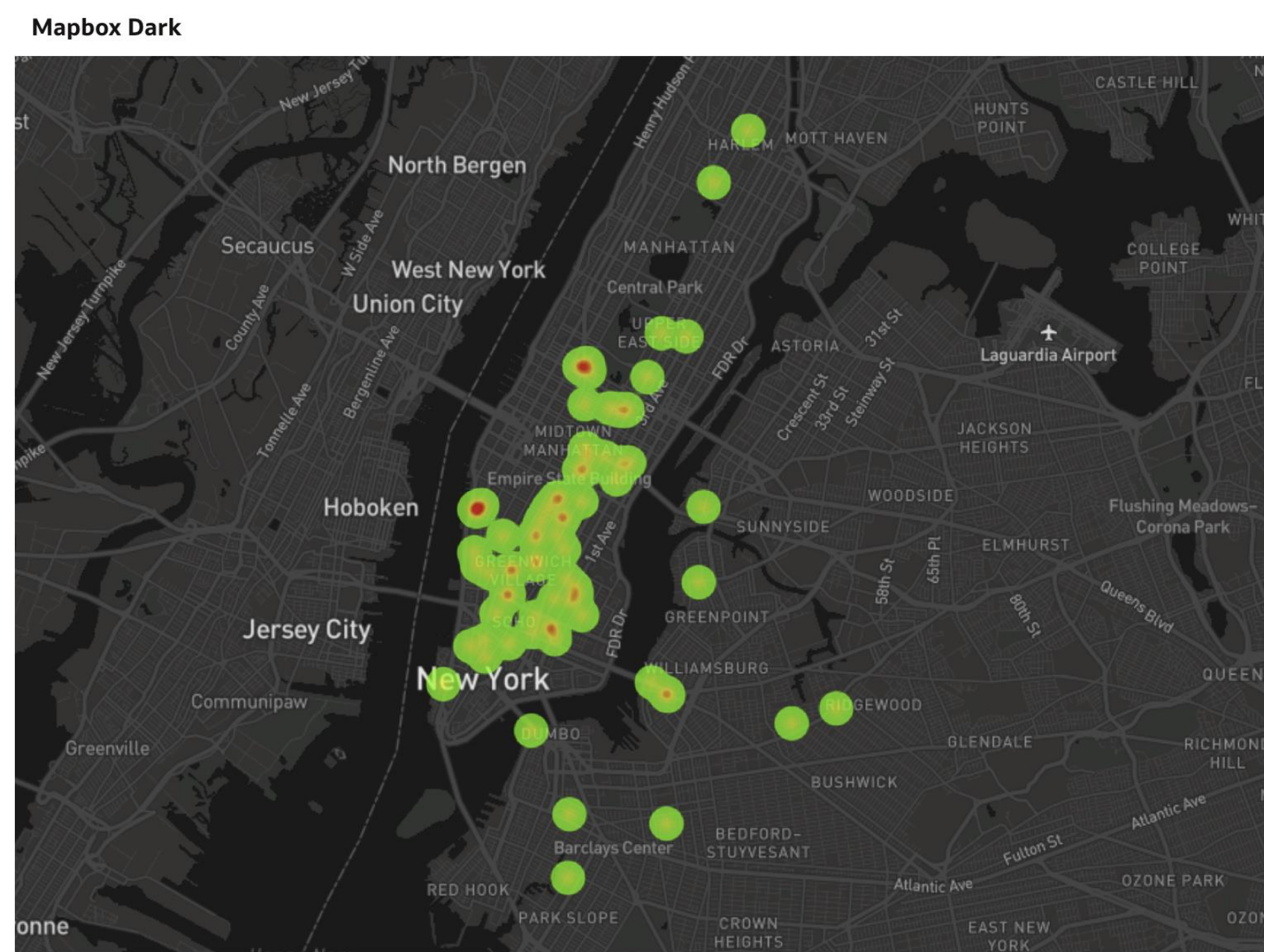
📍 Innovation Lab: Deerfield, IL, USA

📍 Geo Location

📍 Location, City

Speed 0.1 1.6

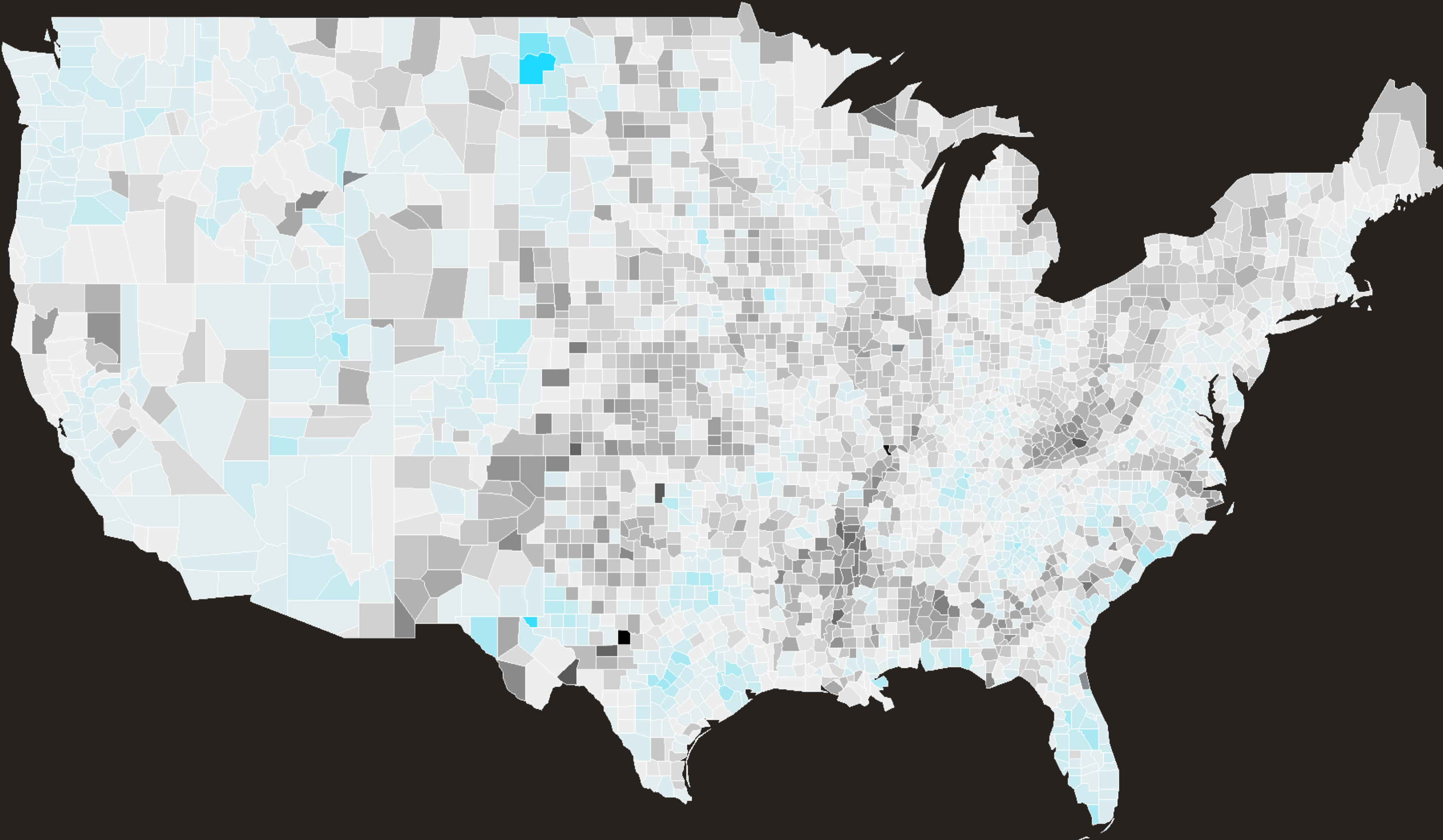
👤 Authors: Benjamin Arnulf & Burcin Kaplanoglu, PhD. 🏢 Organization: Oracle. 🛠 Technology: Boston Dynamics | Faro | Oracle Analytics. 📄 Description: Streaming analytics proof of concept from Faro scanner via Oracle Analytics Lab. 📊 Analytics Platform: Oracle Analytics Cloud.



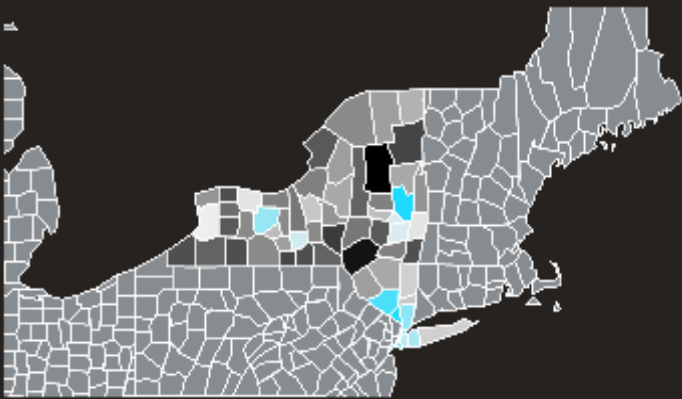
Percent **Change** in Population by county since 2010

Census Bureau - Estimate resident population - 2010 to 2019

Change -33.3%  136.2%

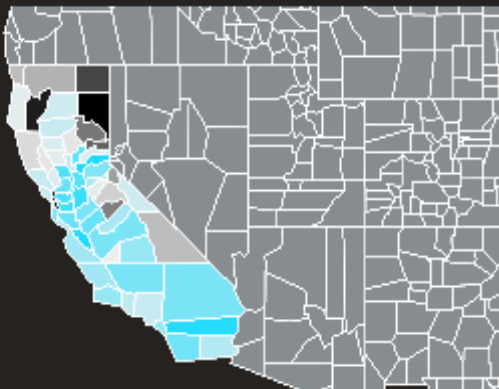


New York



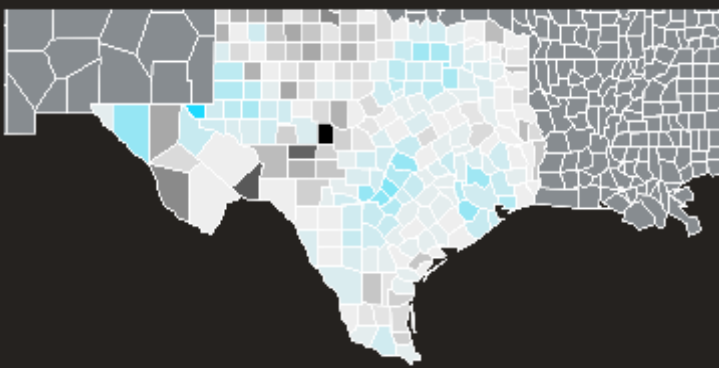
Change -8.685%  4.67%

California



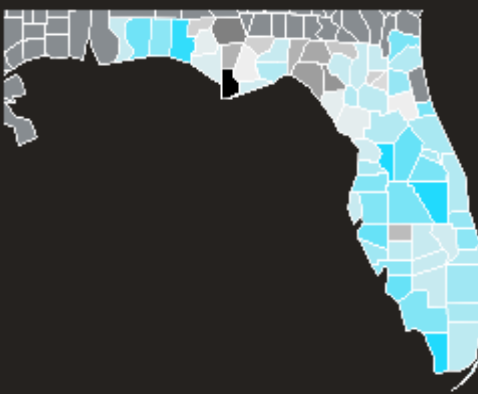
Change -12.39%  14.32%

Texas



Change -33.3%  106.1%

Florida



Change -14%  41.7%

Oracle Analytics | AI Vision Object Detection

AI Vision Vertex - Object Detection



Average AI Model Confidence %

93.33%

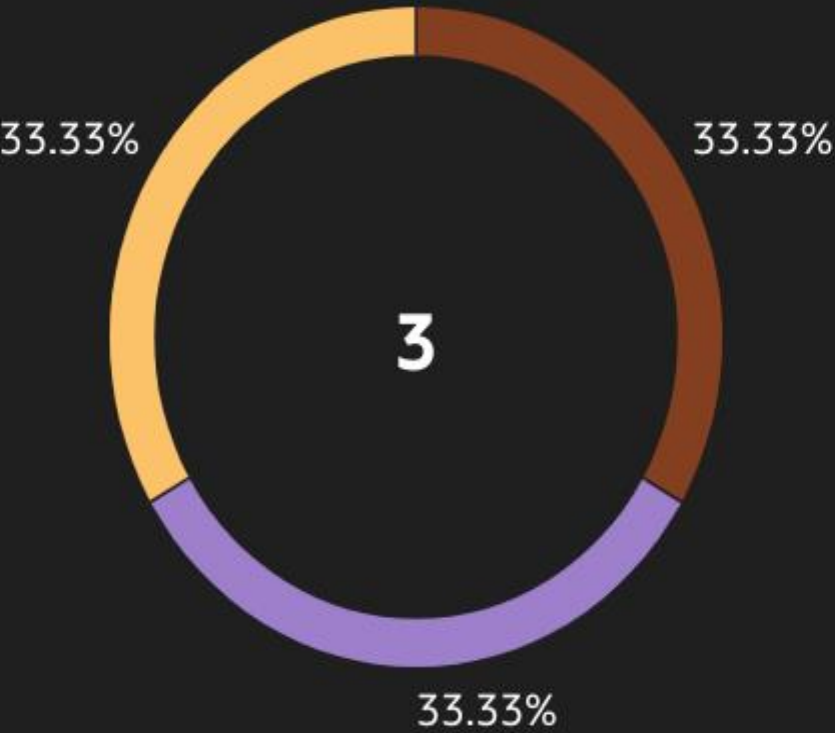
📈 Confidence by object detected

Image Name	Object Name	Confidence
LarryEllison.jpeg	Clothing	86.1...
LarryEllison.jpeg	Human face	97.1...
LarryEllison.jpeg	Man	96.6...

AI Vision Objects Detected

Object Name Clothing Human face Man

📁 OCI Object Storage Bucket



Thank you

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