

ORACLE

Oracle Analytics Product Strategy

Global Leaders APAC 2020

Benjamin Arnulf

Senior Director

Product Strategy, Analytics



Safe Harbor

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

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Benjamin Arnulf

Senior Director
Product Strategy
Oracle Analytics

Oracle Analytics Strategy

Oracle Analytics & ADW

Oracle PBCS

Power BI

Tableau Server

Oracle BI &

Oracle Hyperion Apps

Oracle HFM

Cognos

SQL Server

Business Object

Oracle Discover
Oracle Essbase

Oracle ERP

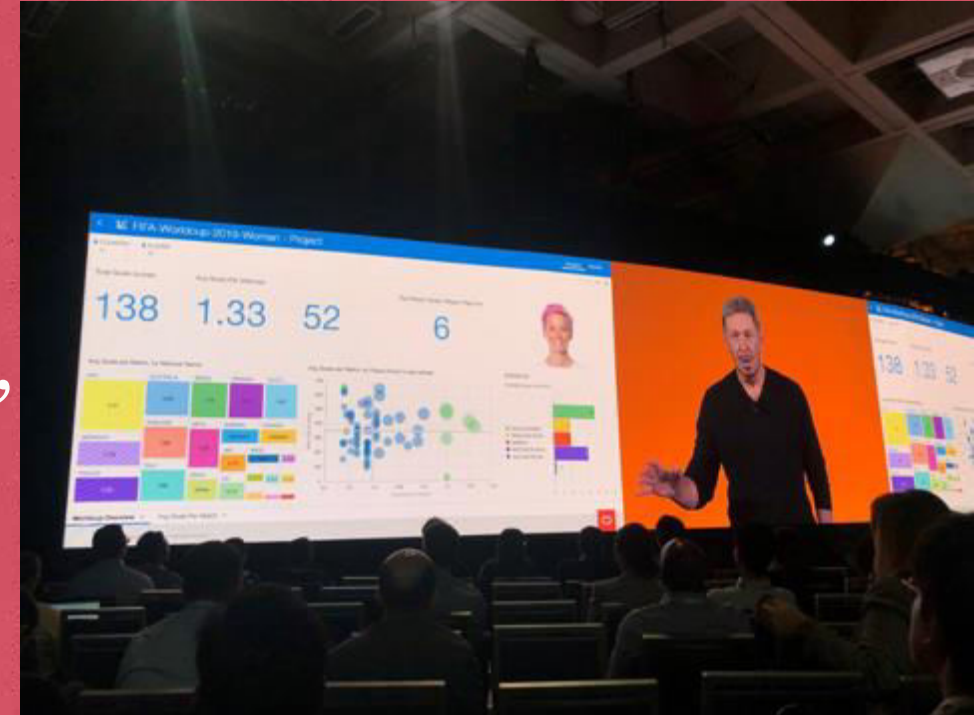
Excel &
Macros



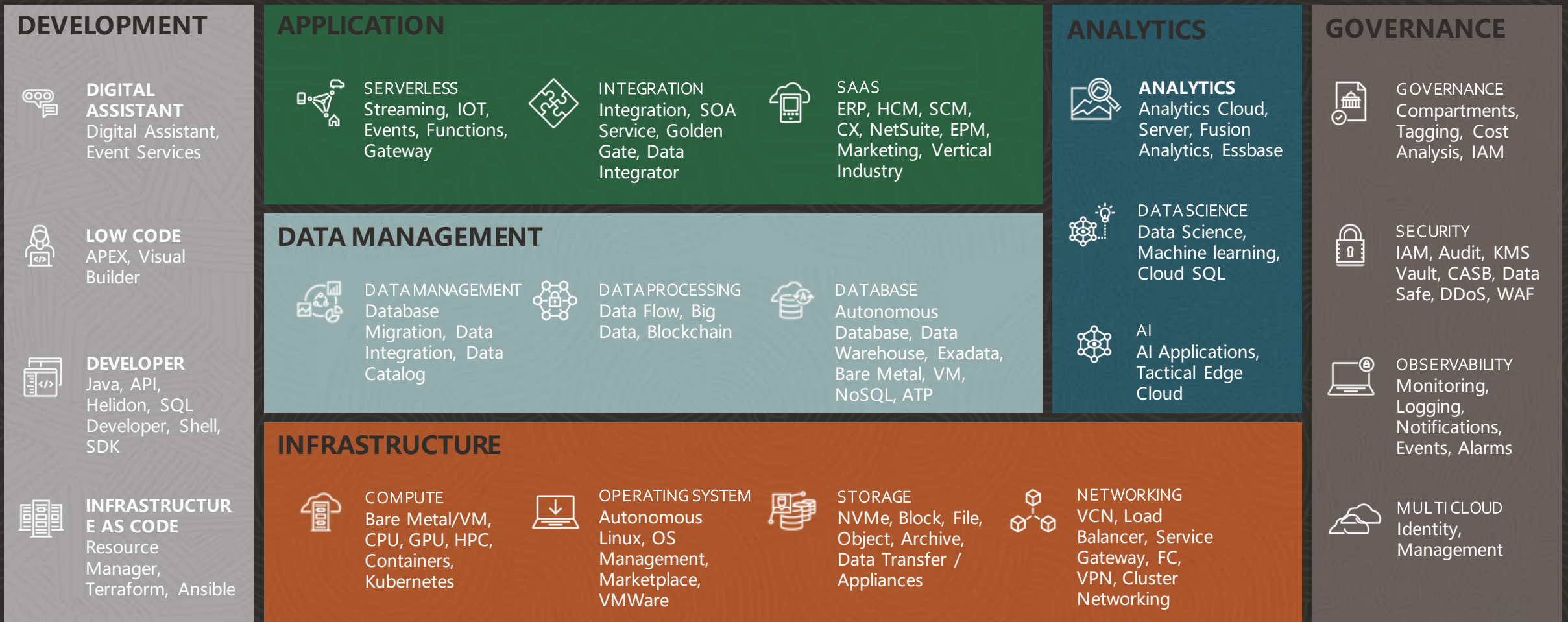
A scenic view of the Golden Gate Bridge in San Francisco at sunset. The bridge's orange-red towers and suspension cables are silhouetted against a sky of soft pinks, oranges, and blues. The water of the bay is dark with gentle ripples, and a small white sailboat is visible in the distance. In the foreground, there are green bushes with purple flowers. The overall mood is serene and majestic.

Product
STRATEGY

Our mission is to help people see data in new ways, discover insights, unlock endless possibilities.



Oracle AI, Data, Analytics and Cloud Services



PUBLIC / GOVERNMENT CLOUD and CLOUD @ CUSTOMER

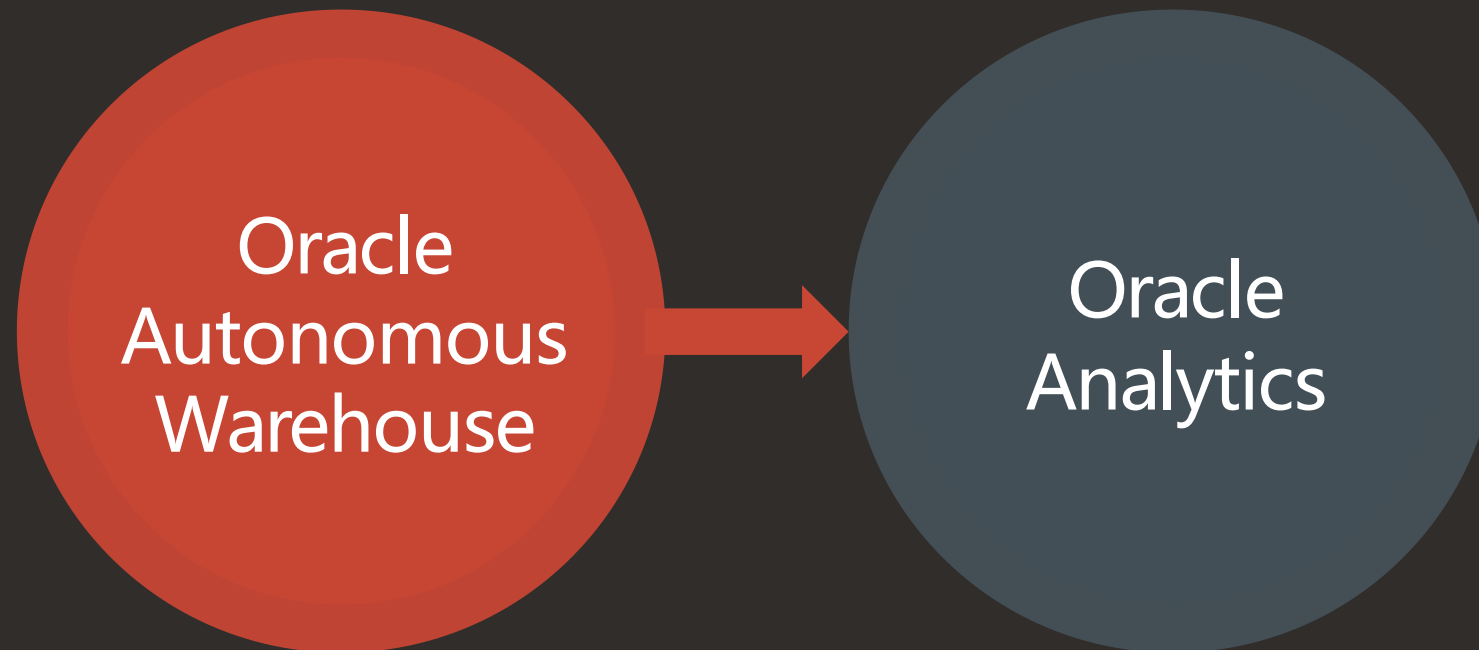


Oracle Analytics Strategy

Simplify & Unify



Data to Insights to Decisions



New Oracle Analytics Products



Oracle
Analytics
Cloud



Oracle
Analytics
Server

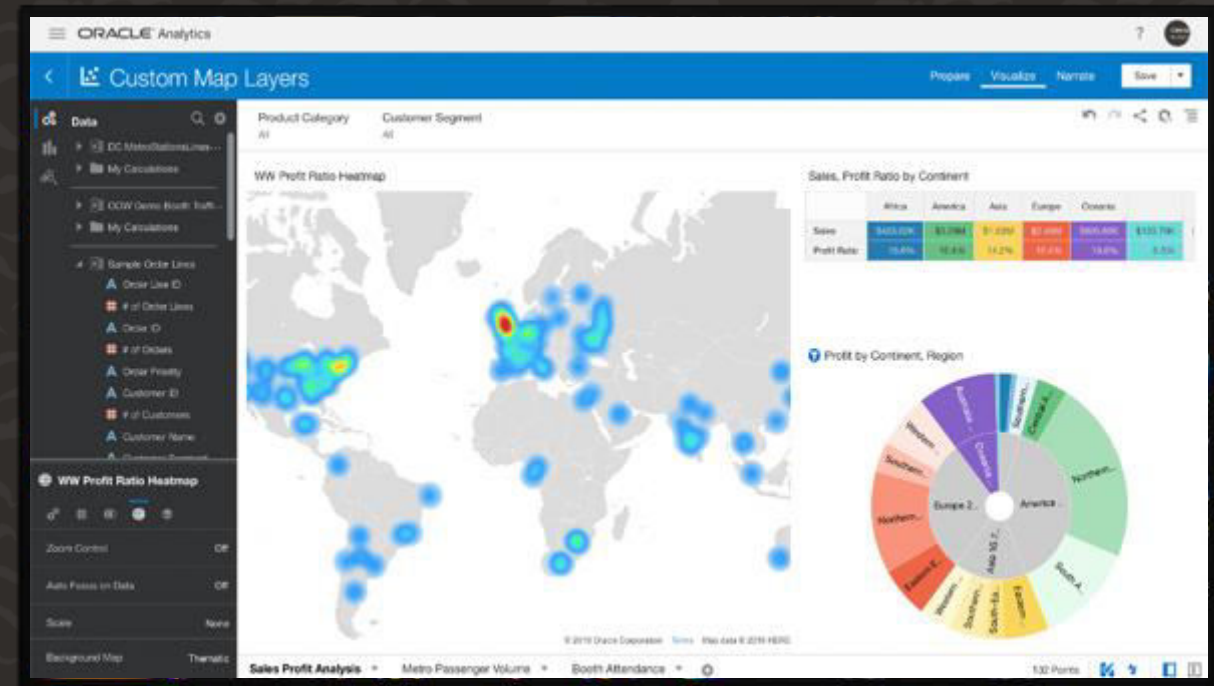


Oracle
Fusion
Analytics
Warehouse

Analytics
PRODUCTS

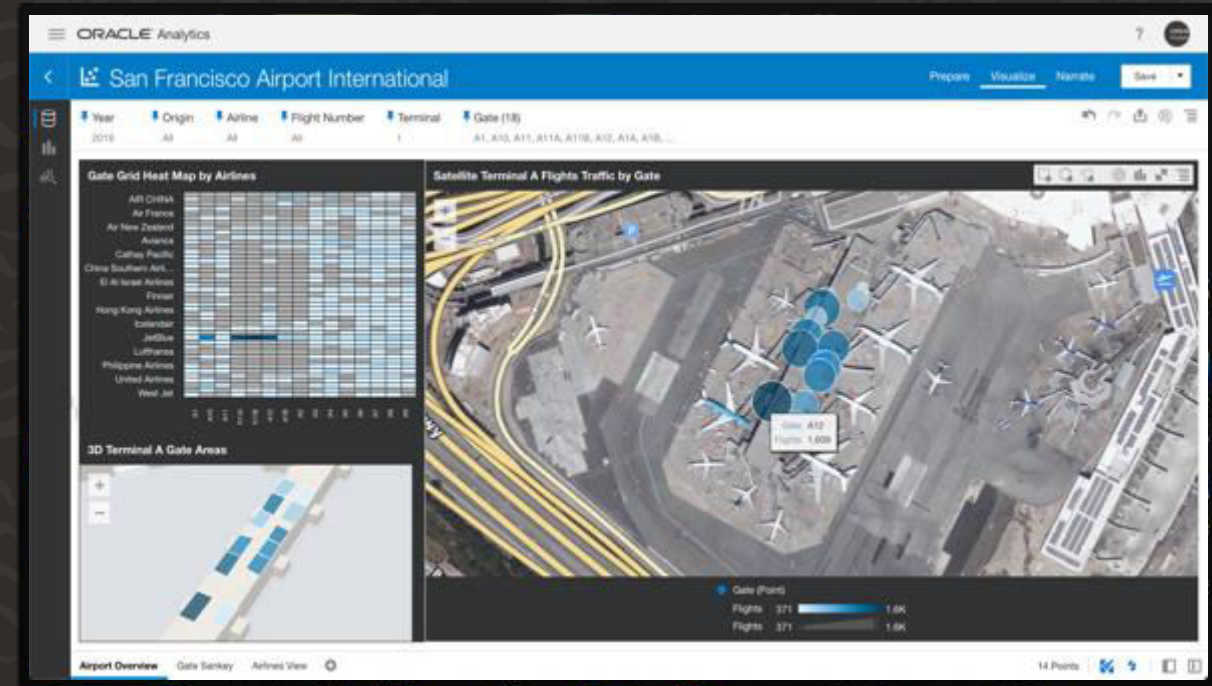
Oracle Analytics Cloud

- Augmented Analytics Cloud Platform.
- Data Visualization, Data Preparation, Data Flow.
- Self Upgrading, Self Patching, Self Securing.
- Machine Learning Advanced Integration.
- AI, NLG, NLP & Intelligent Data enrichment!



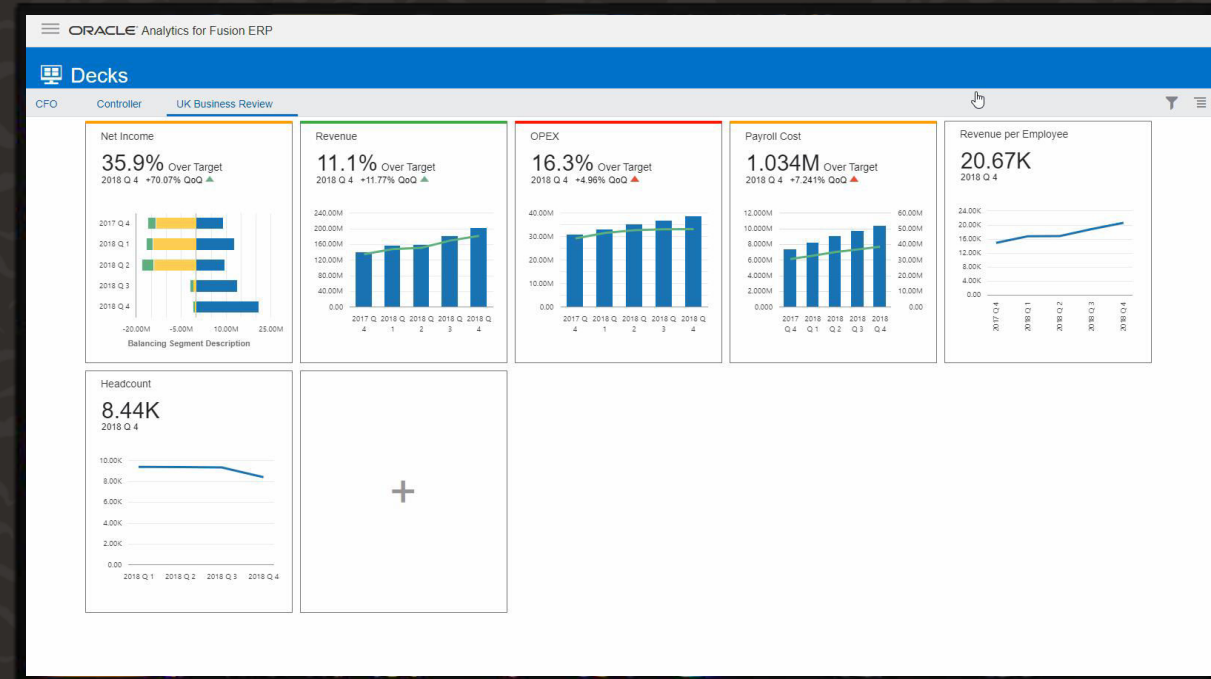
Oracle Analytics Server

- Modern analytics platform **on-premise**.
- Supports hybrid configurations.
- OBIEE customers with active support agreement can upgrade at **no cost**.
- Machine Learning, AI & Data enrichment.



Oracle **Fusion** Analytics Warehouse

- Managed Augmented Analytics.
- Autonomous Data Warehouse.
- Key Performance Indicator Catalog & Targets.
- Data Pipeline, Data Model & Advanced analytics.
- For **Fusion ERP, HCM, SCM, CX.**



Analytics
PLATFORM



New Analytics Platform

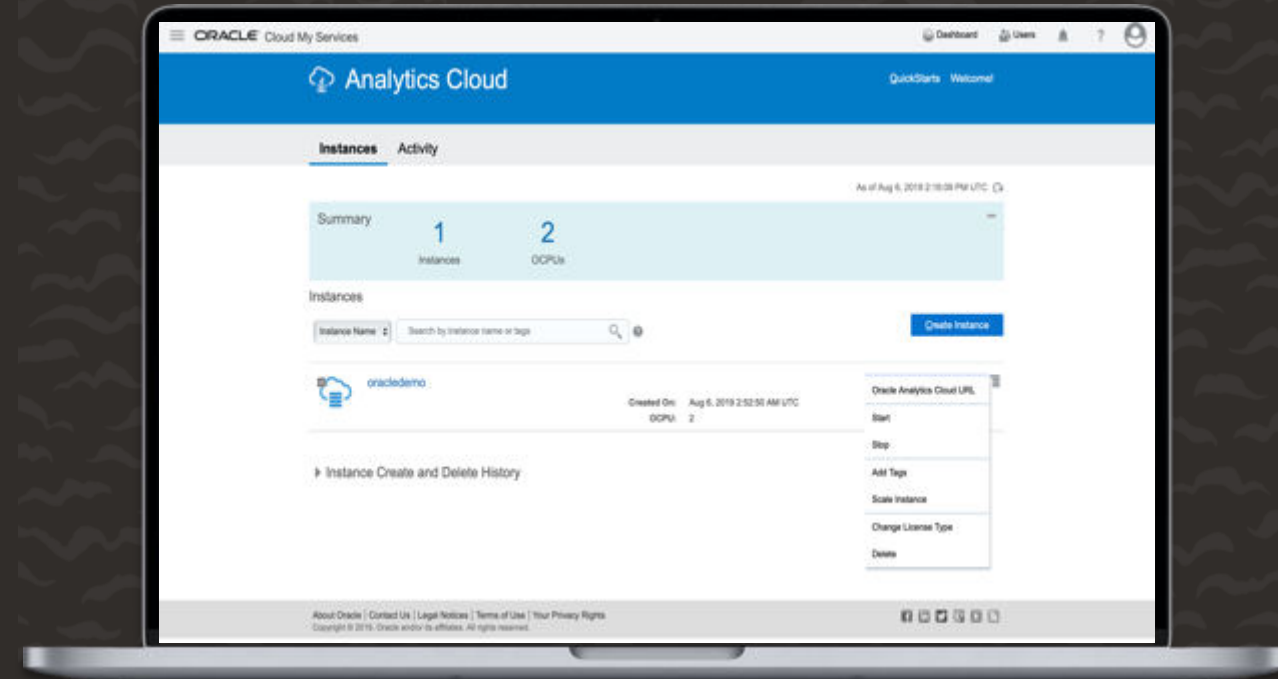
Governed Analytics		Self-Service Analytics		Augmented Analytics	
Dashboards	Pixel-Perfect Reports	Data Preparation	Data Visualization	Voice & Chatbot	Natural Language
Semantic Models	Query Federation	Storytelling	Collaboration	Data Enrichment	1-Click Explain
Role-Based Access Control	Excel Integration	What-If Analysis	Mobile	Adaptive & Personalized	Machine Learning

Public / Government Cloud | Cloud @ Customer | On-Premise | Third Party Cloud



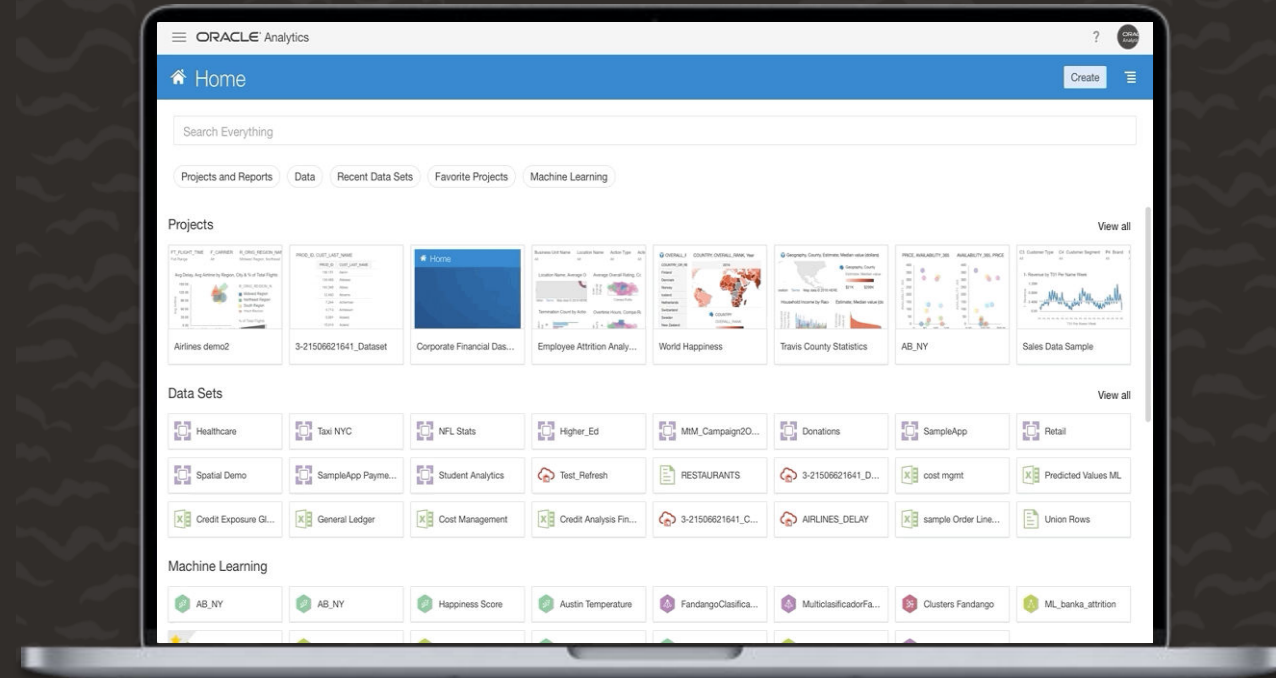
Autonomous Analytics

- Autonomous Analytics!
- Analytics at Scale
- Easy to setup
- Data Gateway
- Autonomous Database ready!



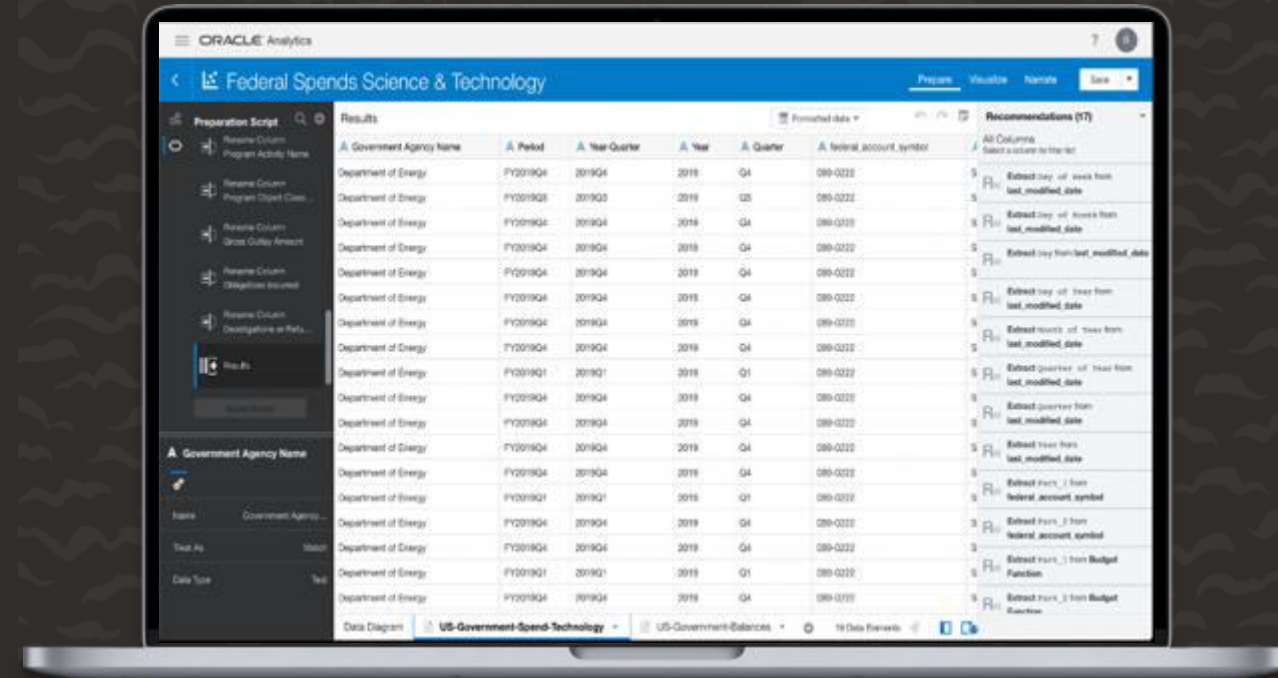
Open Connectivity

- Fully integrated with **Autonomous Database**
- Connectors to various data sources including: Amazon Redshift, Fusion Apps, EPM Cloud, Microsoft SQL Server, Snowflake, Oracle Database and more!



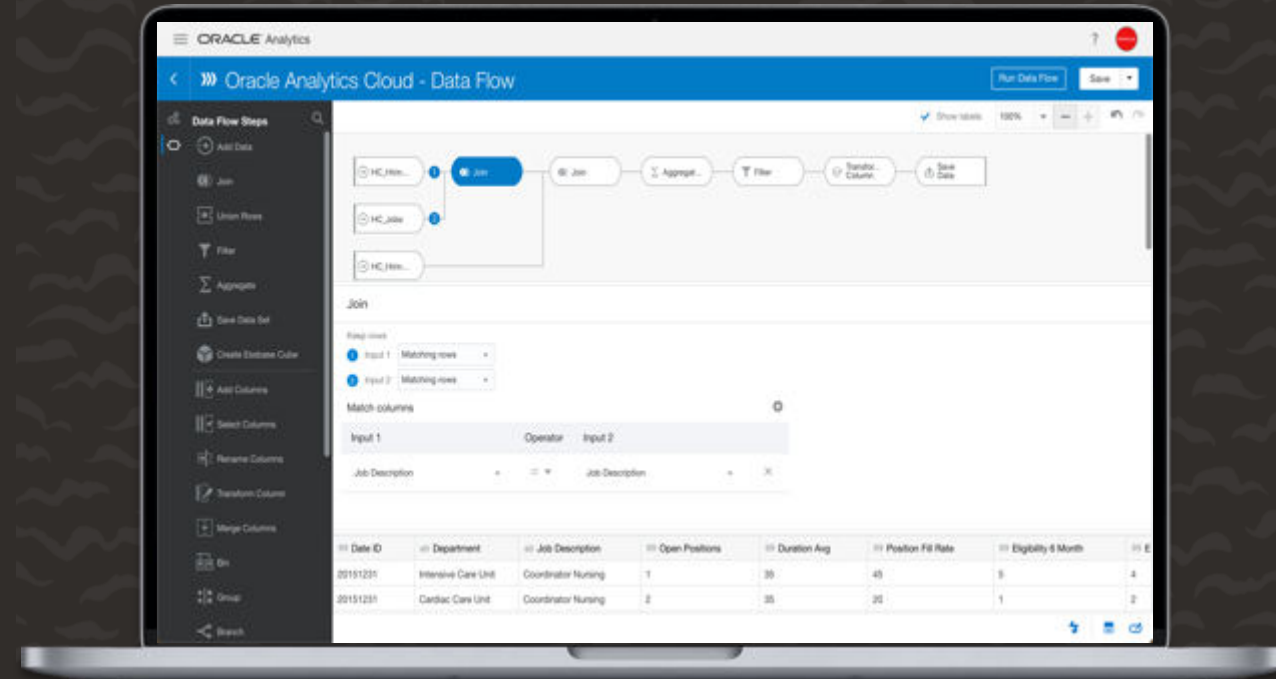
Data Preparation

- Use [Data Preparation](#) to prepare your data, metadata, rename and transform column type.
- Use [Intelligent Data Enrichment](#) to enrich your data with external and secure data such as country currency, capital, population...



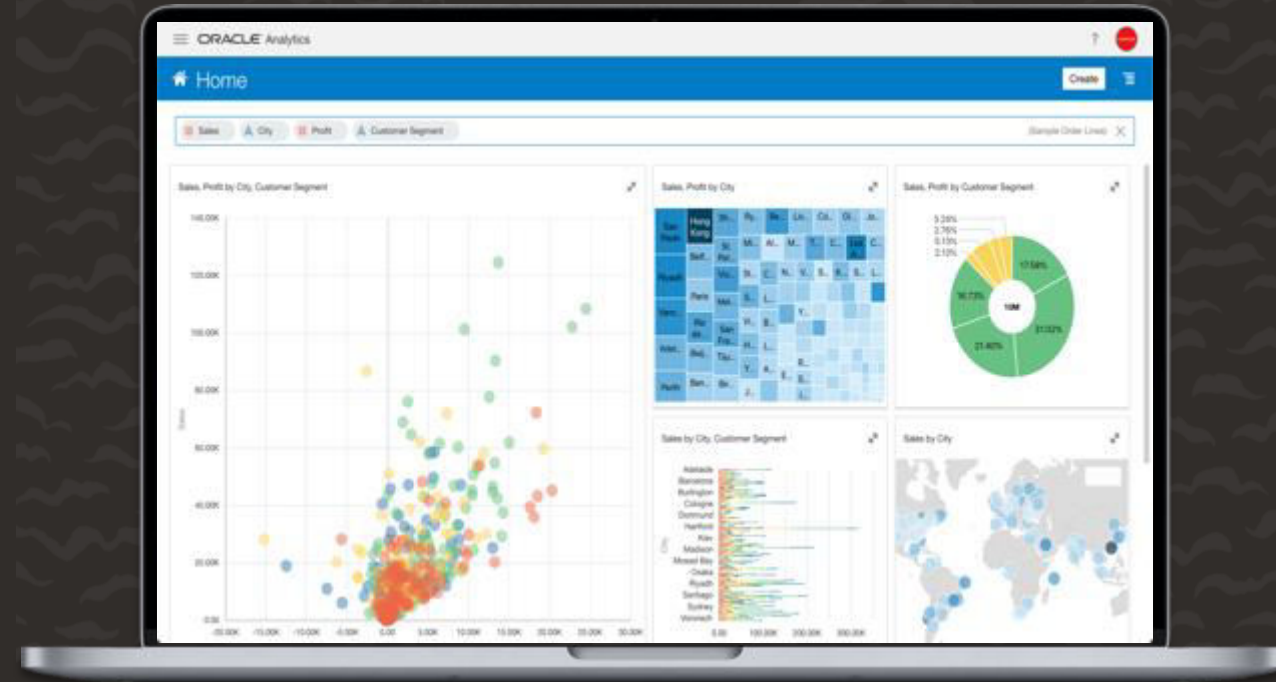
Data Flow

- Use Data Flow to **ingest**, **clean** and **transform** easily your data from various sources and cloud!
- Group, split, join, union, merge and save data into a database or a cube.



Natural Language Processing

- Query Data directly using Natural Language **Processing**.
- No Query or SQL needed.
- Augmented Analytics.
- Voice Enabled.



Self-Service Analytics

- Self-Service Analytics.
- 1-click to forecast for **predictive analytics**.
- **What-if Scenarios**.
- Multiple data sources join.
- Data Story Telling.

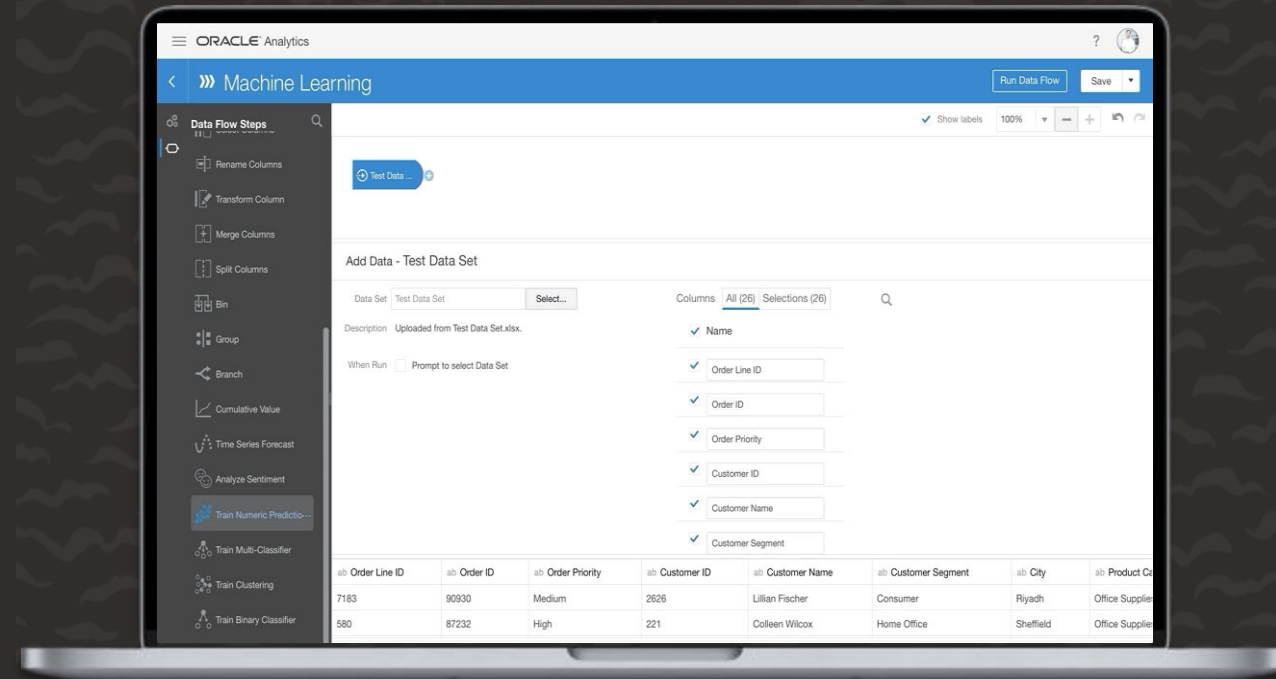




AI & **Machine Learning**

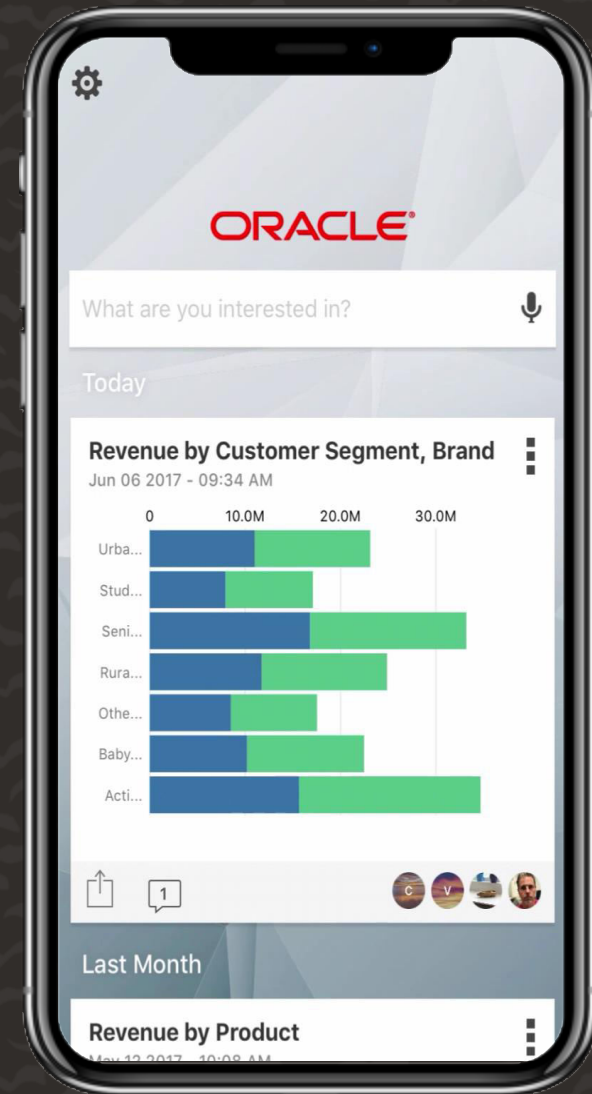
Machine Learning

- Data Flow to train machine learning models.
- Linear Regression, Random Forest, CART, K-Means Clustering and more **algorithms**.
- Machine Learning models for **Predictive Analytics**.



True Mobile Analytics

- True Mobile **Augmented** Analytics.
- All data sources available to query.
- Intelligent Recommendations **Collaborative**.



A person stands in the center of a dark, cavernous space, illuminated by a single bright beam of light from a flashlight. The surrounding walls are rugged and textured, with some green moss or vegetation visible. The overall atmosphere is mysterious and exploratory.

Data
VISUALIZATION

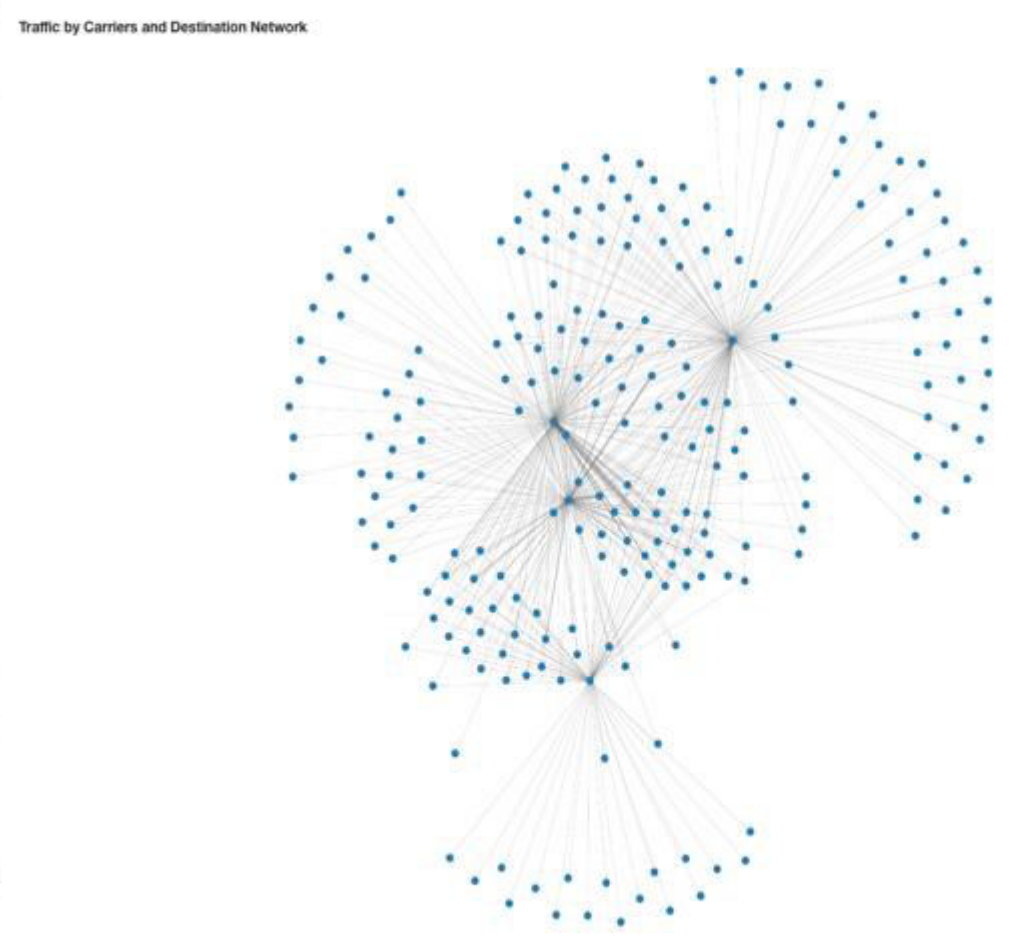
- Data
- US Airlines Delay
 - F_AIRTIME
 - F_CANCELLED
 - F_CARRIER
 - F_DEST
 - F_DISTANCE
 - F_DISTANCE_GRP
 - F_FLIGHT_DATE
 - F_FLIGHTNUM
 - F_FLIGHTS**
 - F_ORIGIN
 - F_PILOT_ID
 - F_ROUTE
 - F_TAILNUM
 - FD_ARR_DELAY_G...
 - FD_ARRODELAY
 - FD_CARRIERDELAY
 - FD_DEP_DELAY_G...
 - FD_DEPDELAY
 - FD_LATEAIRCRAFT...
 - FD_NASDELAY
 - FD_SECURITYDEL...
 - FD_WEATHERDELA...
 - FT_ACTUALELAPS...
 - FT_ARR_TIME_BLK
 - FT_ARRTIME
 - FT_CRSARRTIME
 - FT_CRSDEPTIME
 - FT_CRSDELAPSED...
 - FT_DEP_TIME_BLK
 - FT_TAXIN
 - FT_TAXIOUT
 - FT_WHEELSOFF
 - FT_WHEELSON
 - P_AIRCRAFT_DET...
 - P_AIRCRAFT_MAN...
 - P_AIRCRAFT_MOD...
 - P_AIRCRAFT_SEAT...



Flights Completed: **27.9M**

Total Planes: **6.7K**

Total Airports: **332**



Flight Traffic Heatmap

Title: Custom

Flight Traffic Heatmap

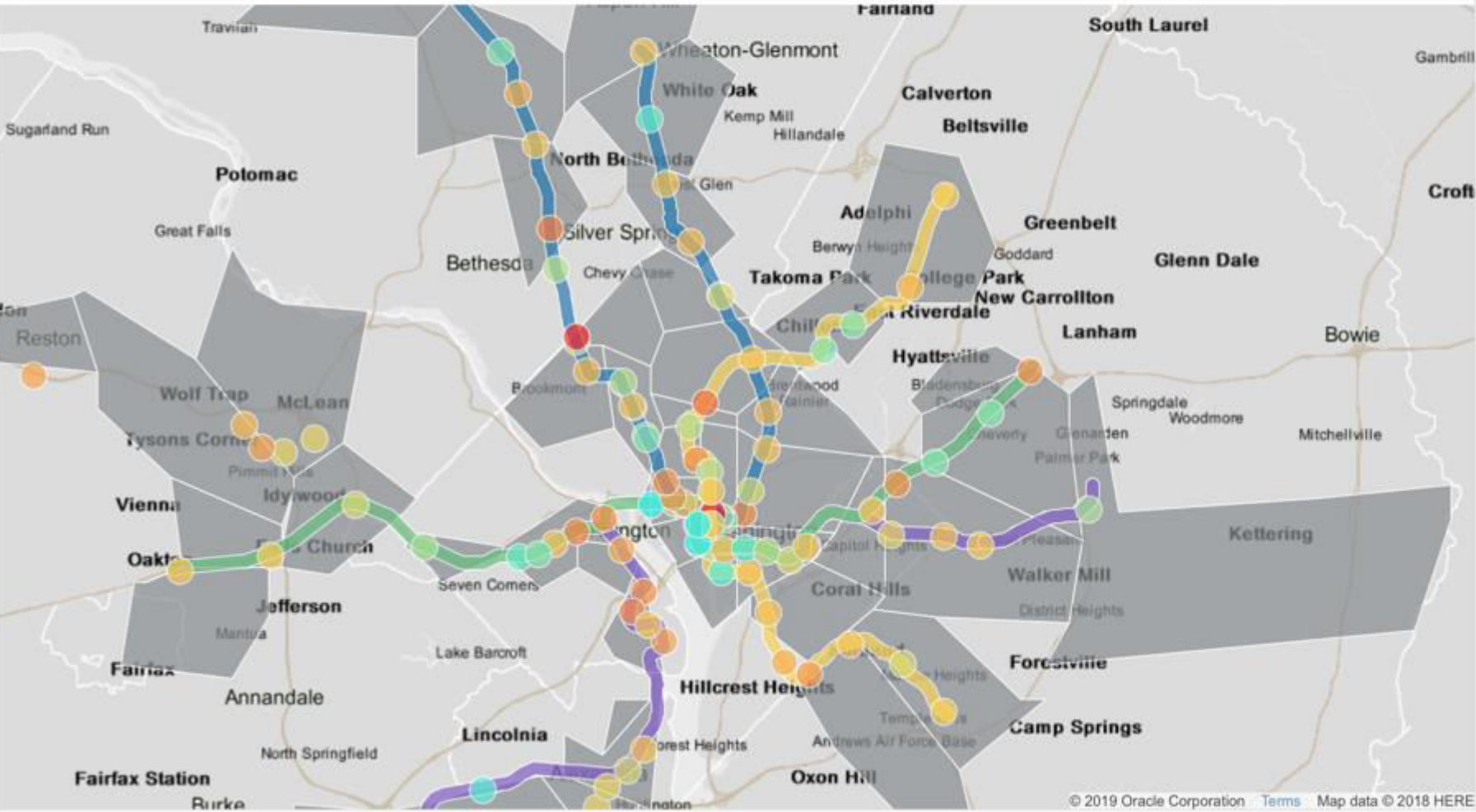
Title Font: Auto

Legend: Auto

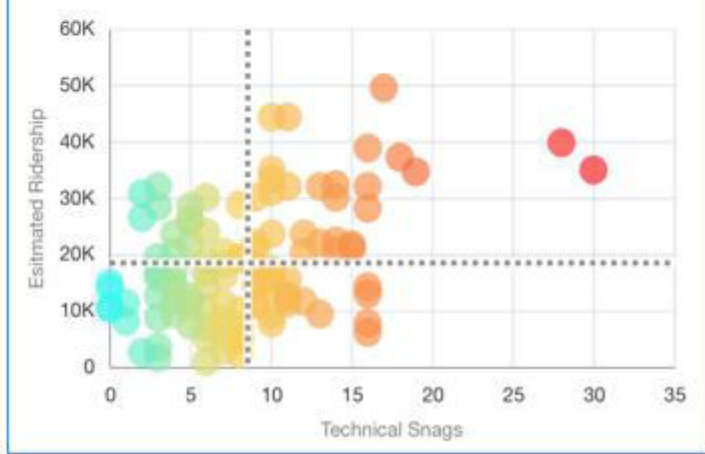
Line
All



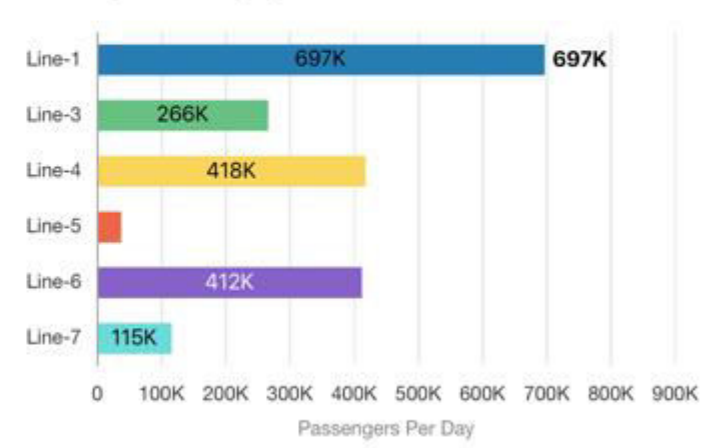
Passenger Volume Per Day in DC Metro



Ridership x Technical Snags by Station



Passengers Per Day by Line



© 2019 Oracle Corporation Terms Map data © 2018 HERE

- Data
- MRI-1
 - Anatomy Part
 - Value
 - Diagnostic
- My Calculations
- MRI-2
 - Date
 - Pulse Rate
 - Systolic
 - Diastolic
 - Weight
 - Body Temperature
- My Calculations
- MRI-3
 - Patient ID
 - Gender
 - Age
 - Ethnicity
 - Country
 - State
 - Name
 - Marital Status
 - Height
 - Weight
 - Health Insurance
 - Exam Reason
 - Results
- 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, D...

Category (Location)

- Anatomy Part
- Diagnostic

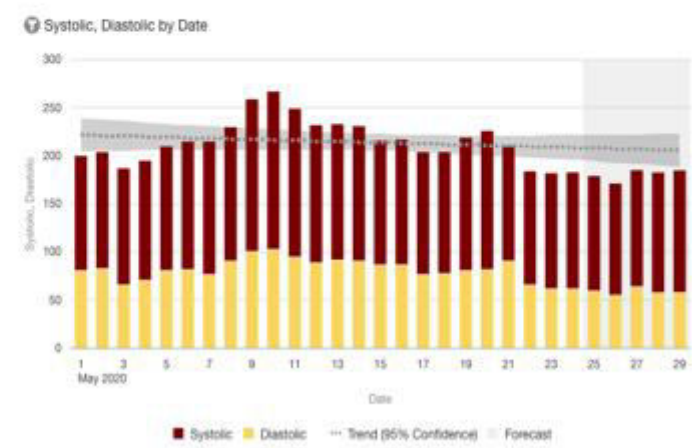
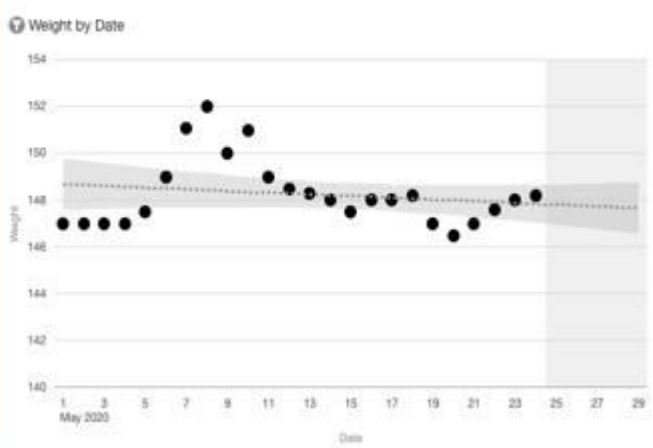
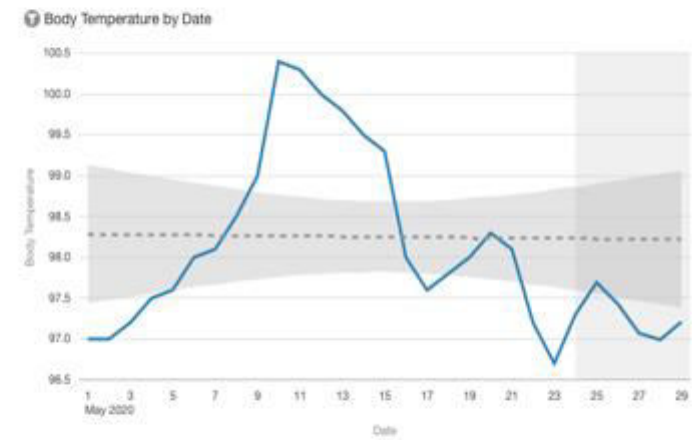
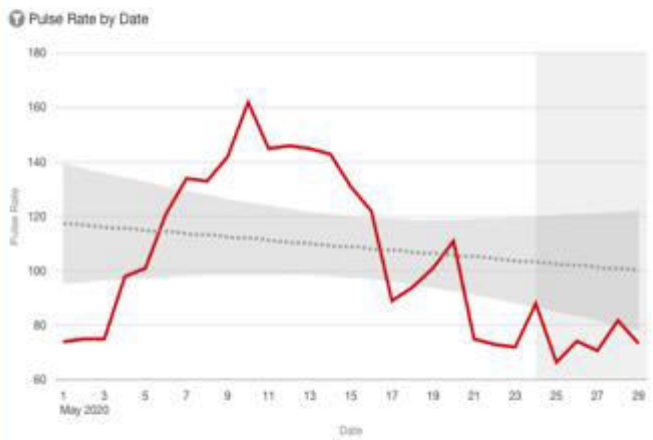
Color

- Value

Tooltip

Filters

Height: **5.10** Weight: **148** Age: **39**

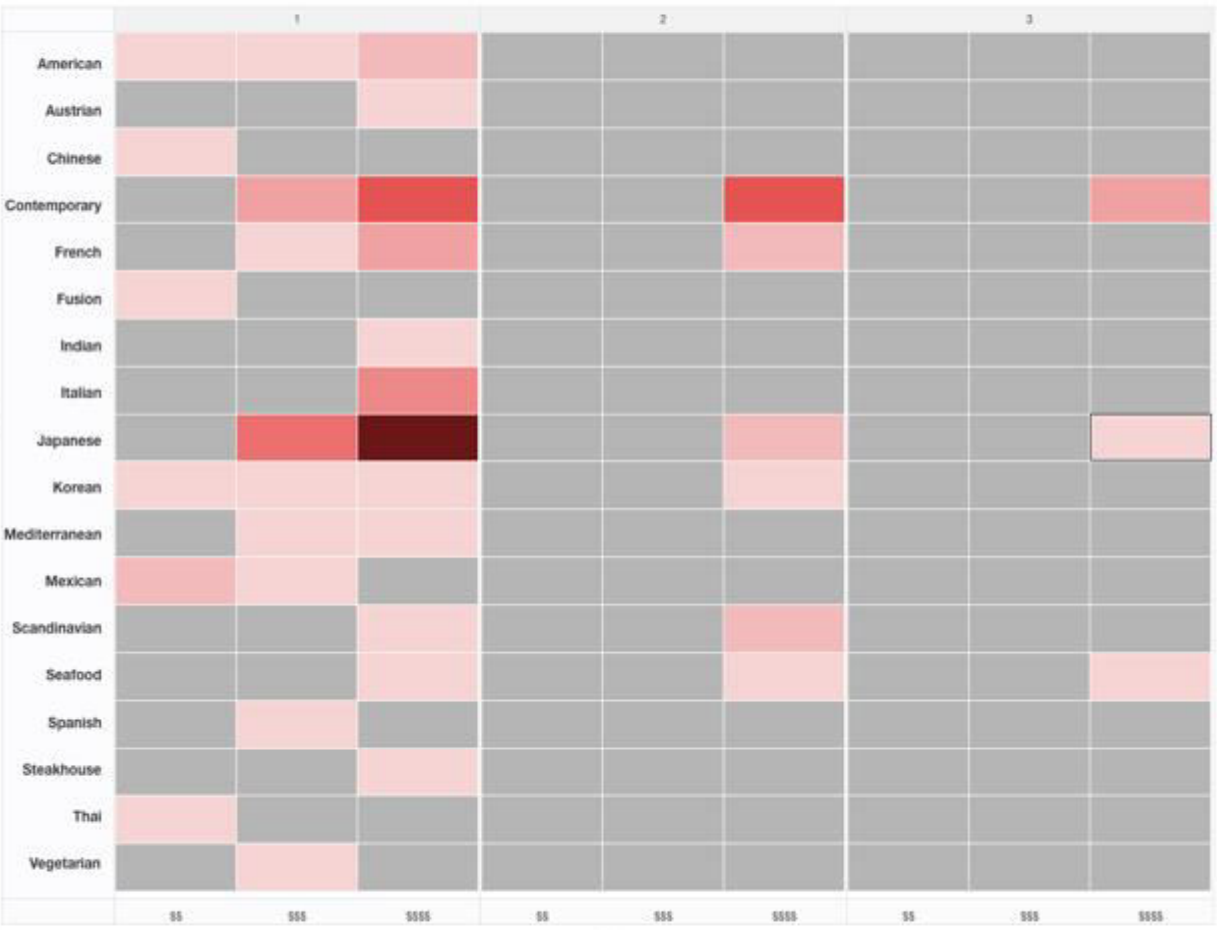


year: 2019 city: New York cuisine: All Stars: All price: All



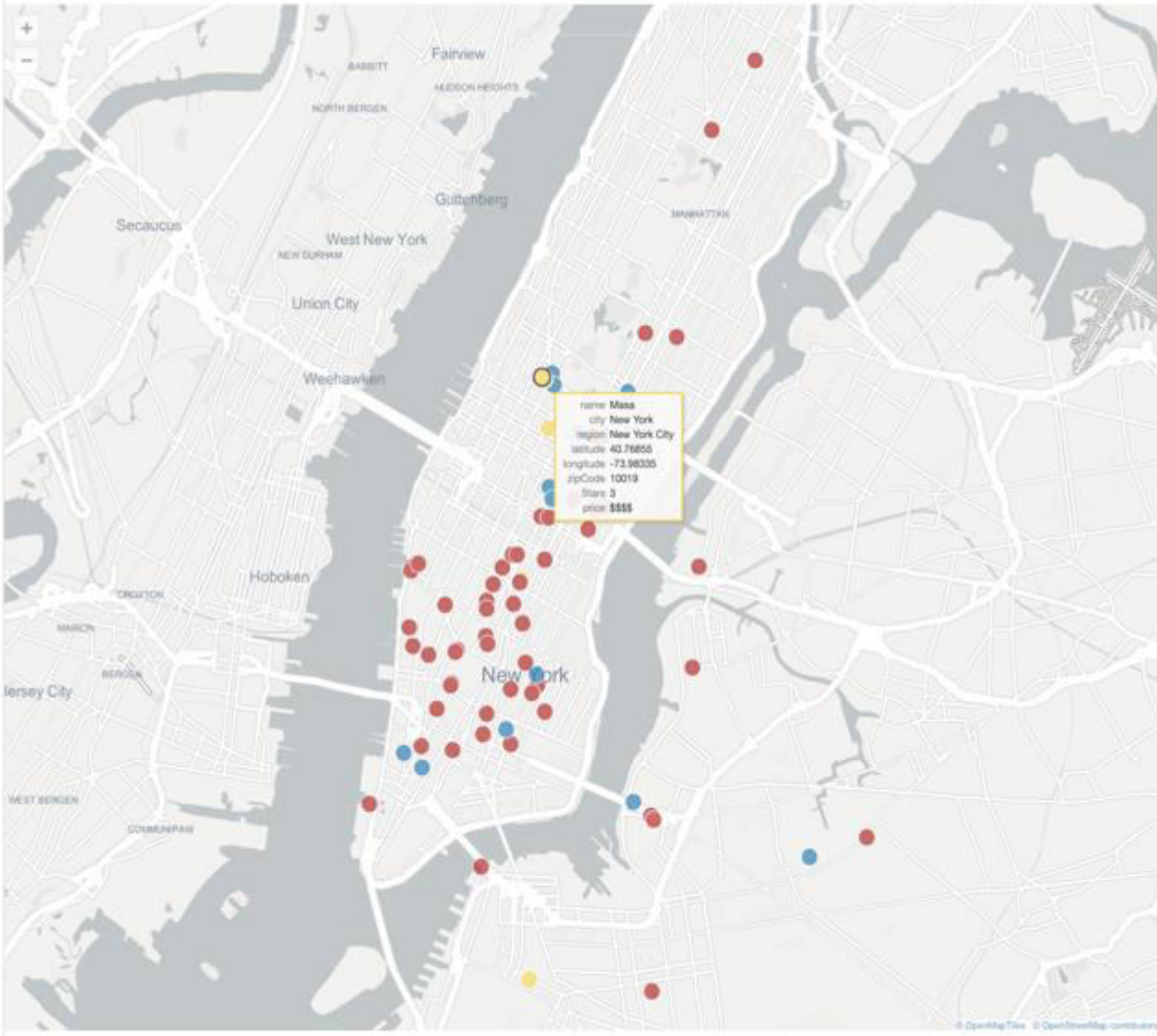
1 Star: 55 2 Stars: 14 3 Stars: 5

Restaurants by Cuisine, Price and Stars



Count 1 11

Interactive Map of Restaurants in the Michelin Guide



name, city, region, latitude, longita...
 Stars: 1 2 3



Commodity price increase and disparity across India

1.7x

Rice

1.2x

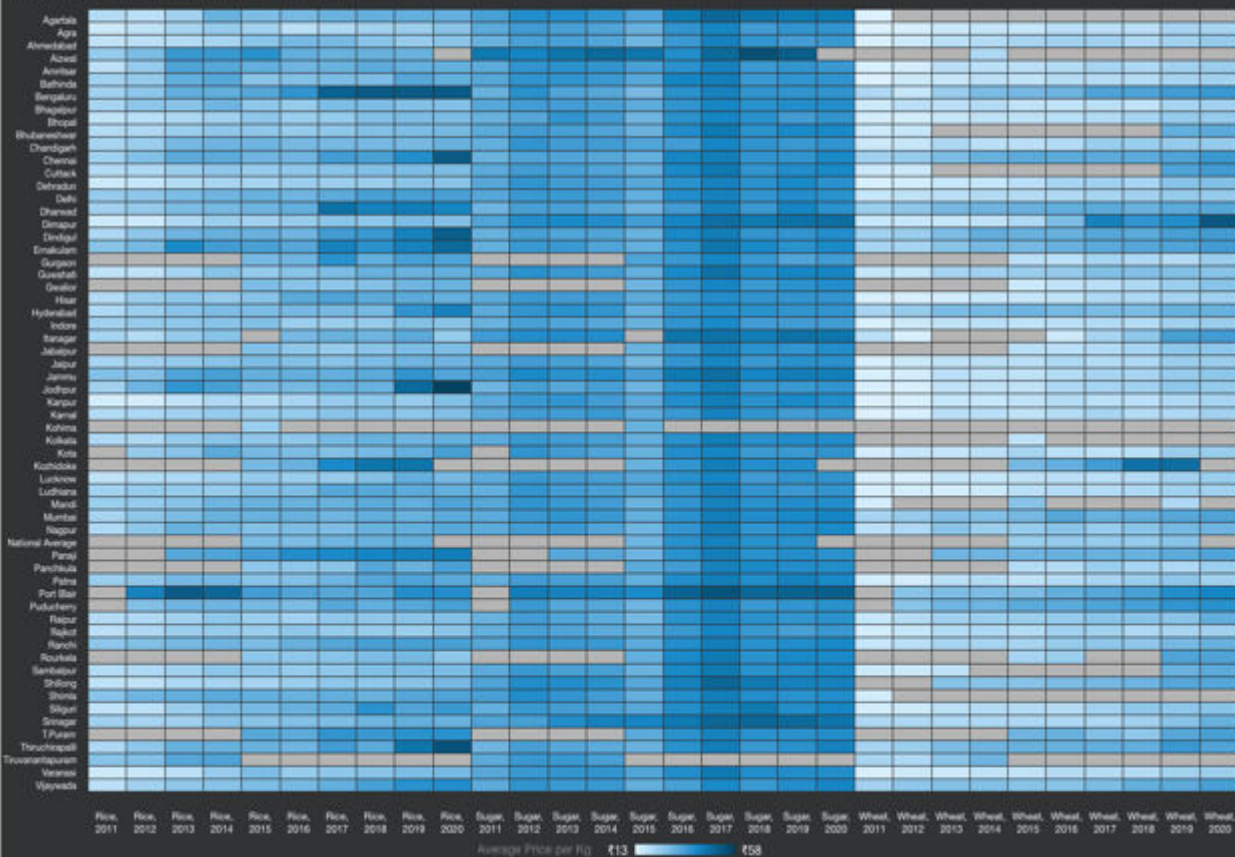
Sugar

1.6x

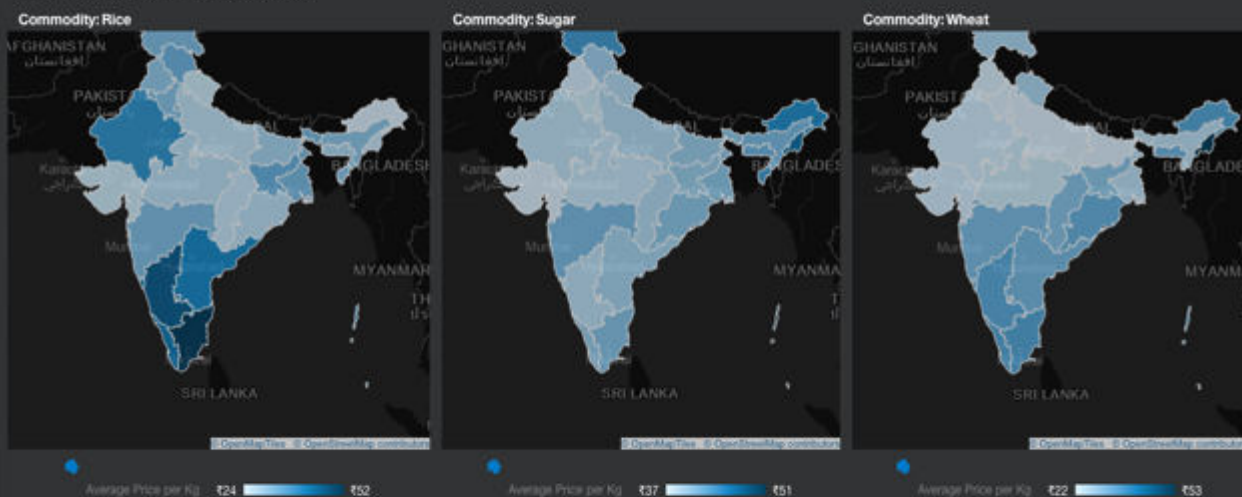
Wheat

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**.

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



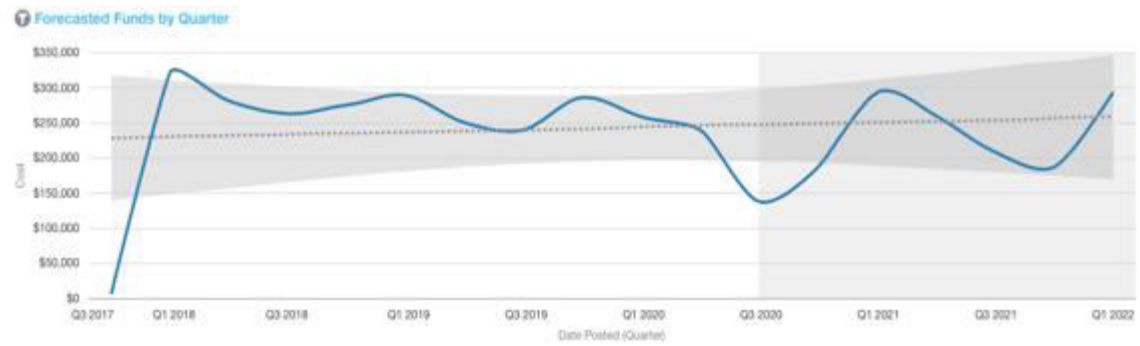
Source: World Food Programme - Food Prices Data Source - Period: From January 2011 to July 2020. Data Visualization: Created with Oracle Analytics Cloud. Author: Benjamin Amul

Medical Partner Country



Total Funded **\$2,857,779**

Total Number of Cases **5,000**



Patient Case: Veronica

Case ID: 21908

Case ID	Country	Patient Name	Date Posted	Cost
21908	Kenya	Veronica	01/08/2020	\$708

Funds by country

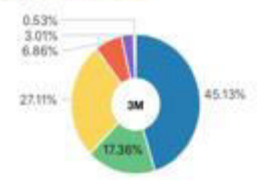
The data represents the Cost for a total of 13 Countries.

What stands out in this situation is that two Countries account for more than half of the total. There is a dominant group of Countries. This group is composed of two Countries: Cambodia Kenya, with 27.11% 23.23%, respectively.

Combined, the 11 other Countries make up the rest of the list, accounting for 49.66% of the total.

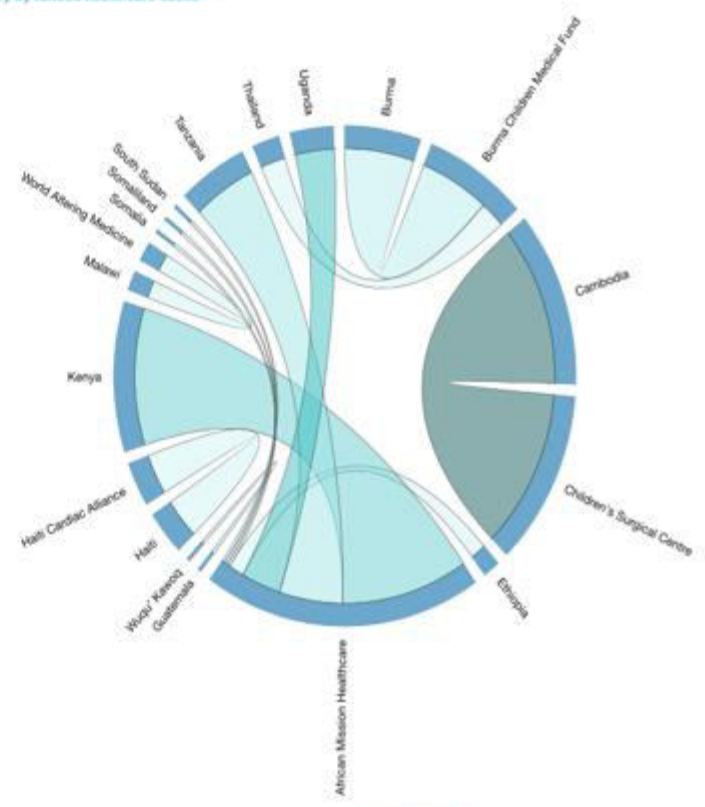
When taken together, the 13 Countries reach a total value of 2,857,779, 219,829 on average. The most frequent value is 1,500 and appears twice.

Funds by Medical Partners



- Medical Partner
- African Mission Healthcare
 - Burma Children Medical Fund
 - Children's Surgical Centre
 - Heli Cardiac Alliance
 - World Altering Medicine
 - Wuqi' Kawoq

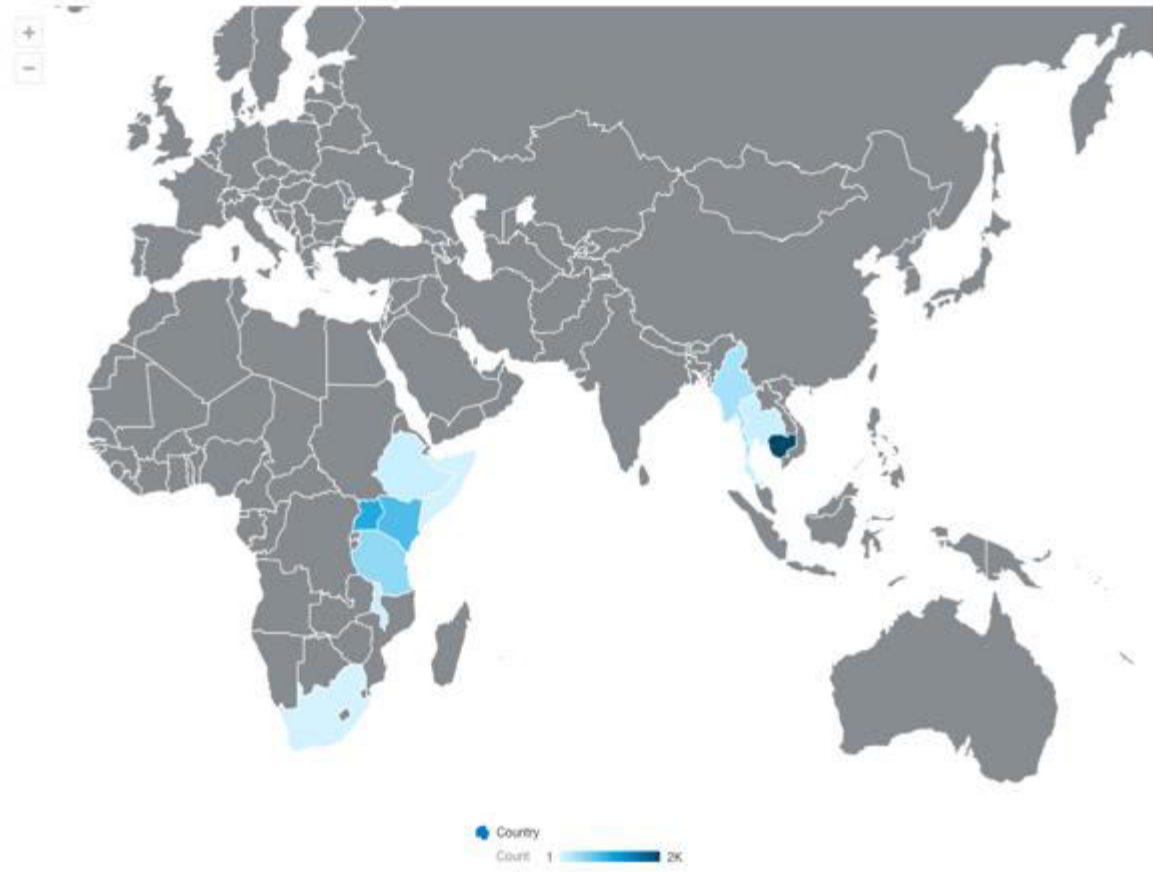
Top 10 country by funded healthcare cases



Number of Cases: 1 to 2K

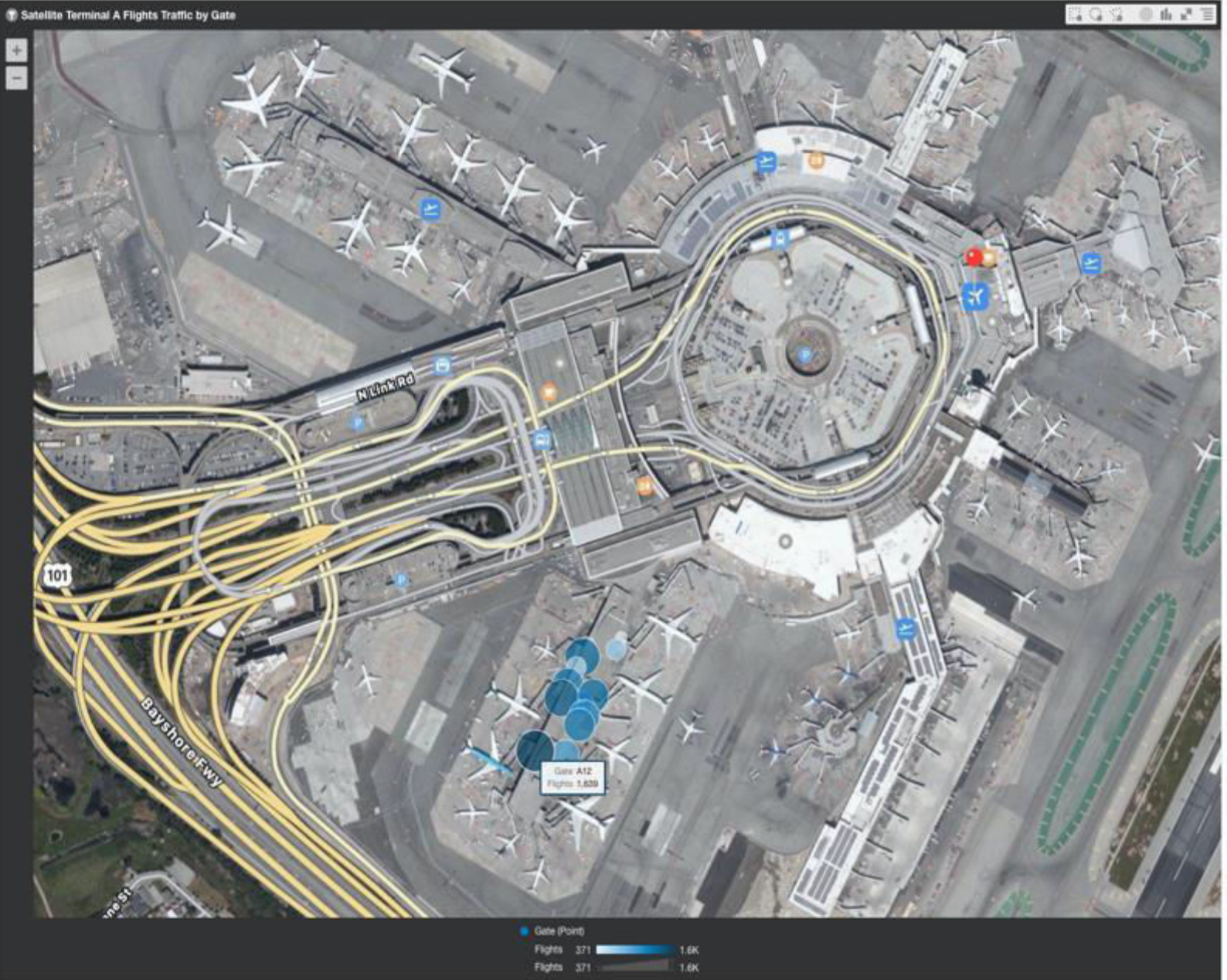
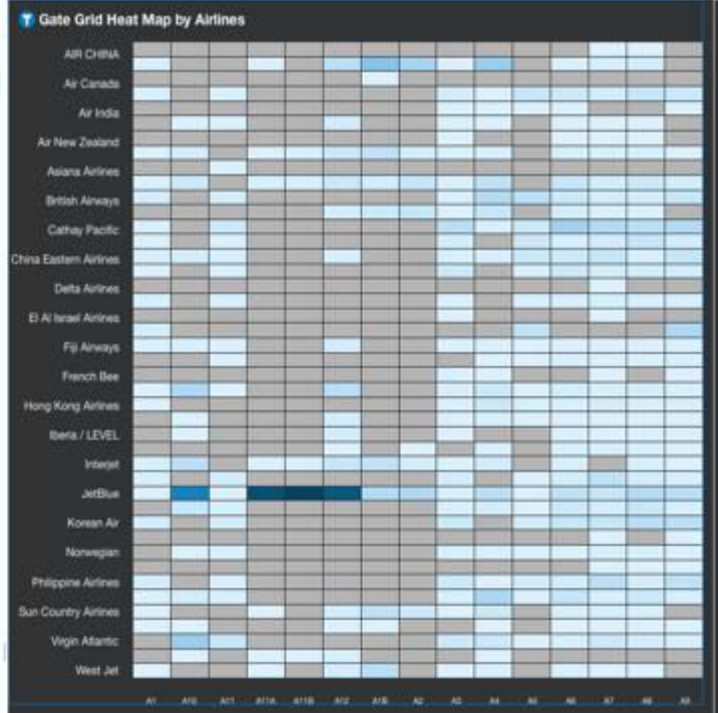
Cost: \$220 to \$775K

Top Countries with Funded Healthcare



- Data
- SFO Gate Dataset
- ID
- Time
- Year
- Terminal**
- Origin
- Gate
- Airline
- Flight Number
- (Row Count)
- My Calculations
- Value Labels

Year: 2019 | Origin: All | Airline: All | Flight Number: All | Terminal: I | Gate (18): A1, A10, A11, A11A, A11B, A12, A1A, A1B, ...



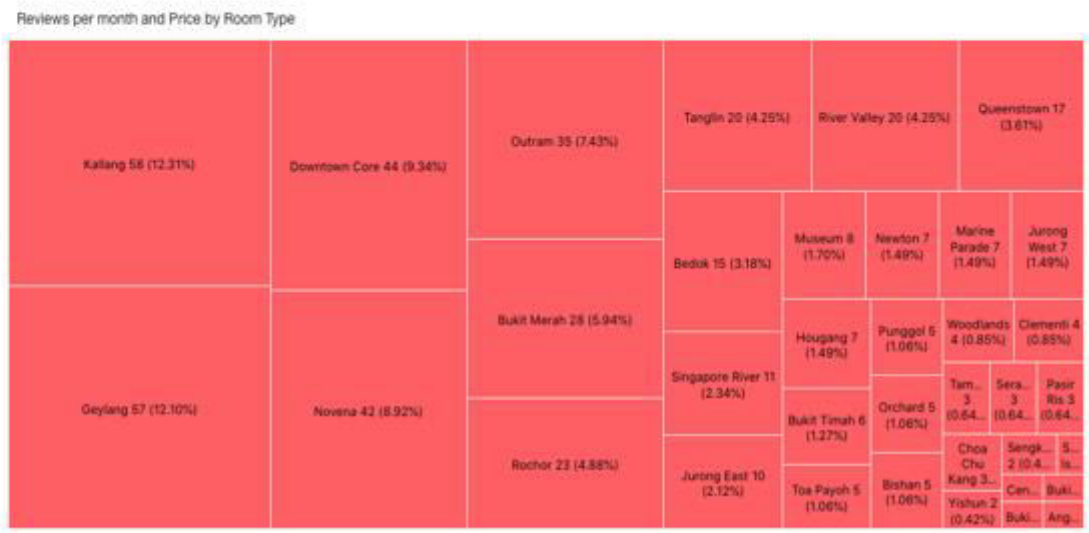
- Terminal**
- Name: Terminal
- Treat As: Attribute
- Data Type: Text
- Aggregation: None

Data

- Singapore-Airbnb
- id
- name
- host_id
- host_name
- neighbourhood_group
- neighbourhood
- latitude
- longitude
- Room Type
- price
- minimum_nights
- Reviews
- last_review
- reviews_per_month
- calculated_host_listings_count
- availability_365
- My Calculations
- Value Labels

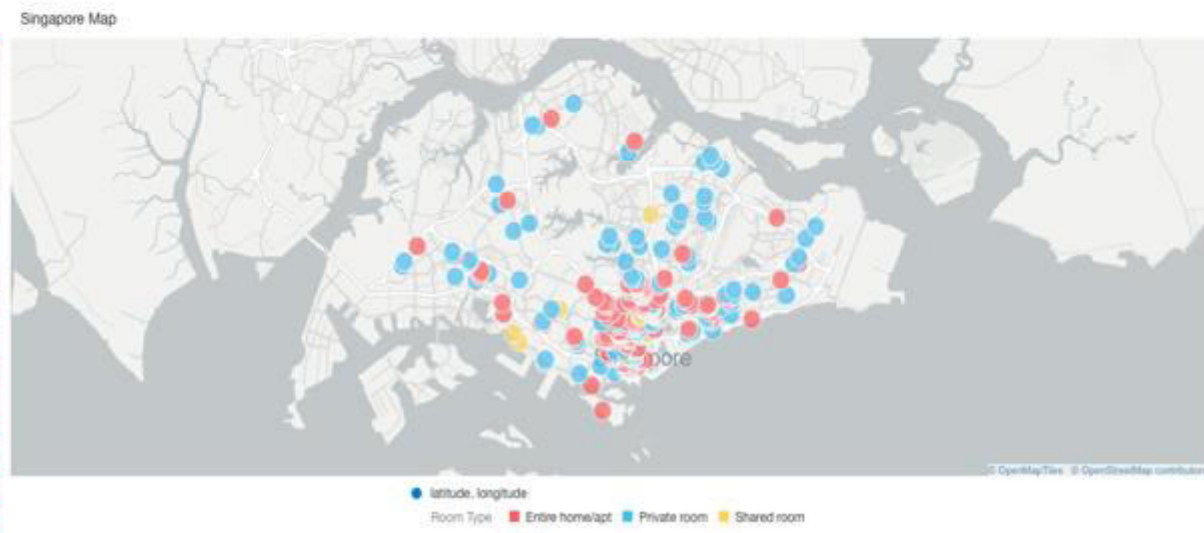
last_review (Year)	last_review (Quarter)	Room Type	neighbourhood	neighbourhood_group	price
2019	Q1 2019	All	All	All	Full Range

airbnb Singapore Airbnb Analytics



Total number of Airbnb in Singapore for the period: **471**

Total number of reviews for the period: **4,474**



Image

Source: airbnb.png

Align: [Grid Icon]

Transparency: 0%

Aspect Ratio: Locked

Width: Auto Fit

Height: Auto Fit

Background Fill Color: [White Box]

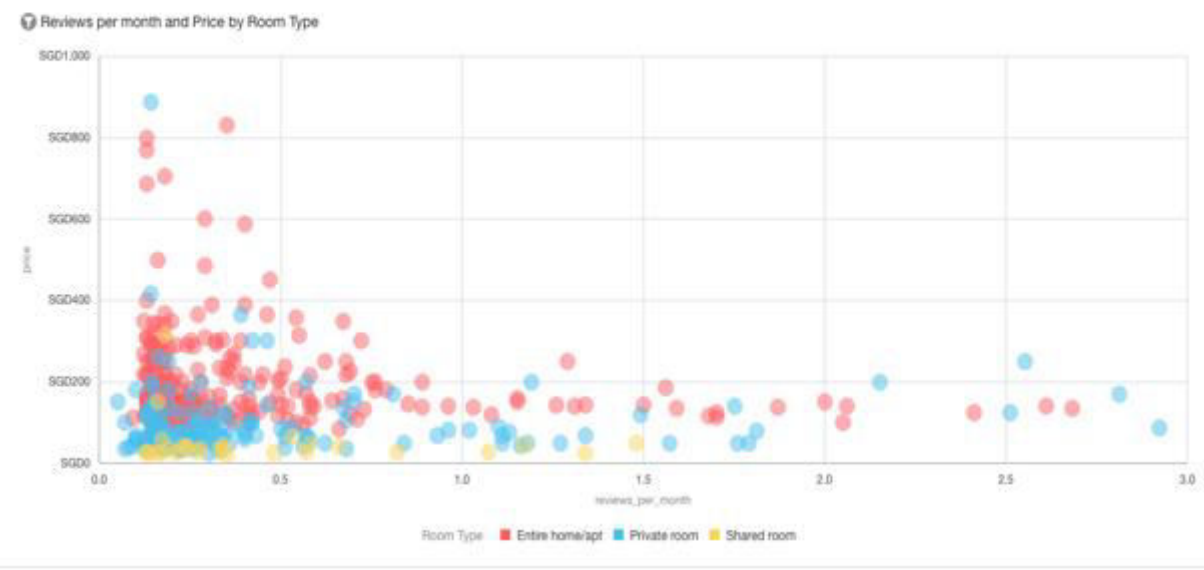
Color Transparency: 0%

Description:

Airbnb Detailed Listing

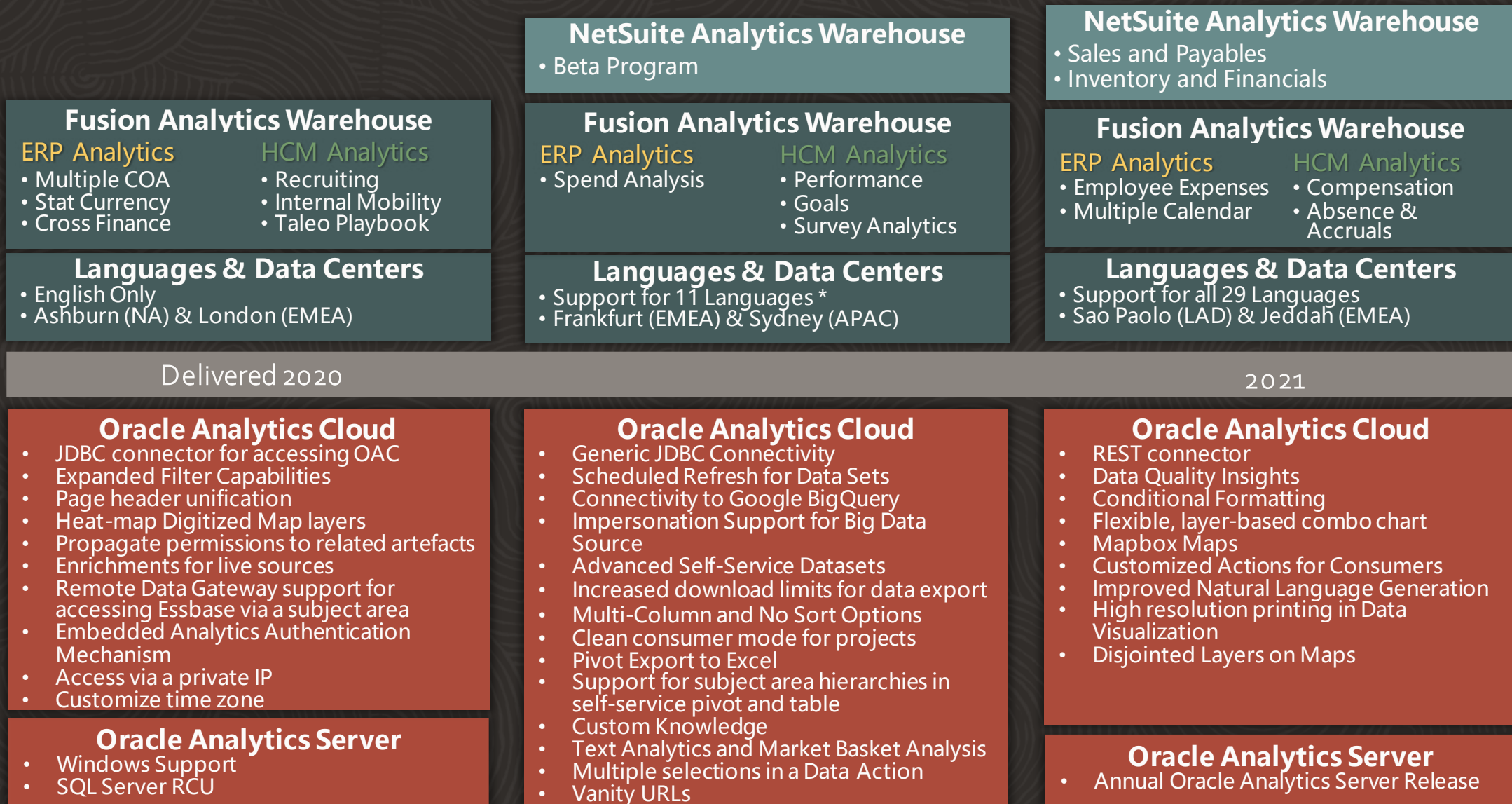
id	neighbourhood	name	host_name	Room Type	Reviews	price
399234	Temple	Booking for 3 bedrooms	Belinda	Private room	12	SGD417
324945	Bukit Merah	20 Mins to Sentosa @ Hilltop 1 (B)	K2 Guesthouse	Private room	13	SGD44
833289	Bukit Merah	Warm hospitality Italian style	Laura	Private room	2	SGD150
903342	Hougang	Individual room available for rent near to market	Natash	Private room	6	SGD35
1615074	Outram	Awesome view! Ensuite 1+1 @Chinatown	Karina	Private room	3	SGD67
2387730	Kallang	Promotion: City,554/pax, Fast WiFi, Boutique Inn	Tommy	Private room	6	SGD54
2520466	Outram	2BR perfect for work and leisure	Quinn	Entire home/apt	24	SGD250
3141602	Kallang	Family 5/5 Beds Room	Dropsh	Private room	31	SGD137
3179080	Kallang	12-Bed Ladies Dormitory	Chloe	Shared room	18	SGD37
3258894	Geylang	Nicely Furnished 1 Bedroom Unit	Shirley	Entire home/apt	41	SGD85
3822245	River Valley	Cozy Studio Apt @ Orchard Area	Pc	Entire home/apt	63	SGD137
3824672	Orchard	Sunny Room with attached bathroom,	Mora	Private room	1	SGD122
4008868	Novena	area2BR Spacious Condo @ near novena gate	Alynn	Entire home/apt	32	SGD258
4613432	Geylang	Nicely furnished apt close to City	Alex	Entire home/apt	23	SGD119
4617784	Clementi	Master Bedroom with Serene Greenery	Julian	Private room	6	SGD89
4916186	Geylang	Convenient apt home away from home	Alex	Entire home/apt	18	SGD119
4969777	River Valley	New!! Cozy 1 Bedroom Apt in the City	Alex	Entire home/apt	6	SGD119
5177256	Bahran	Little Habitat 2- Love Local	Shiau Shan	Private room	70	SGD49

price: SGD19 - SGD3K



Demonstration

Oracle Analytics **Roadmap** – November 2020 Update

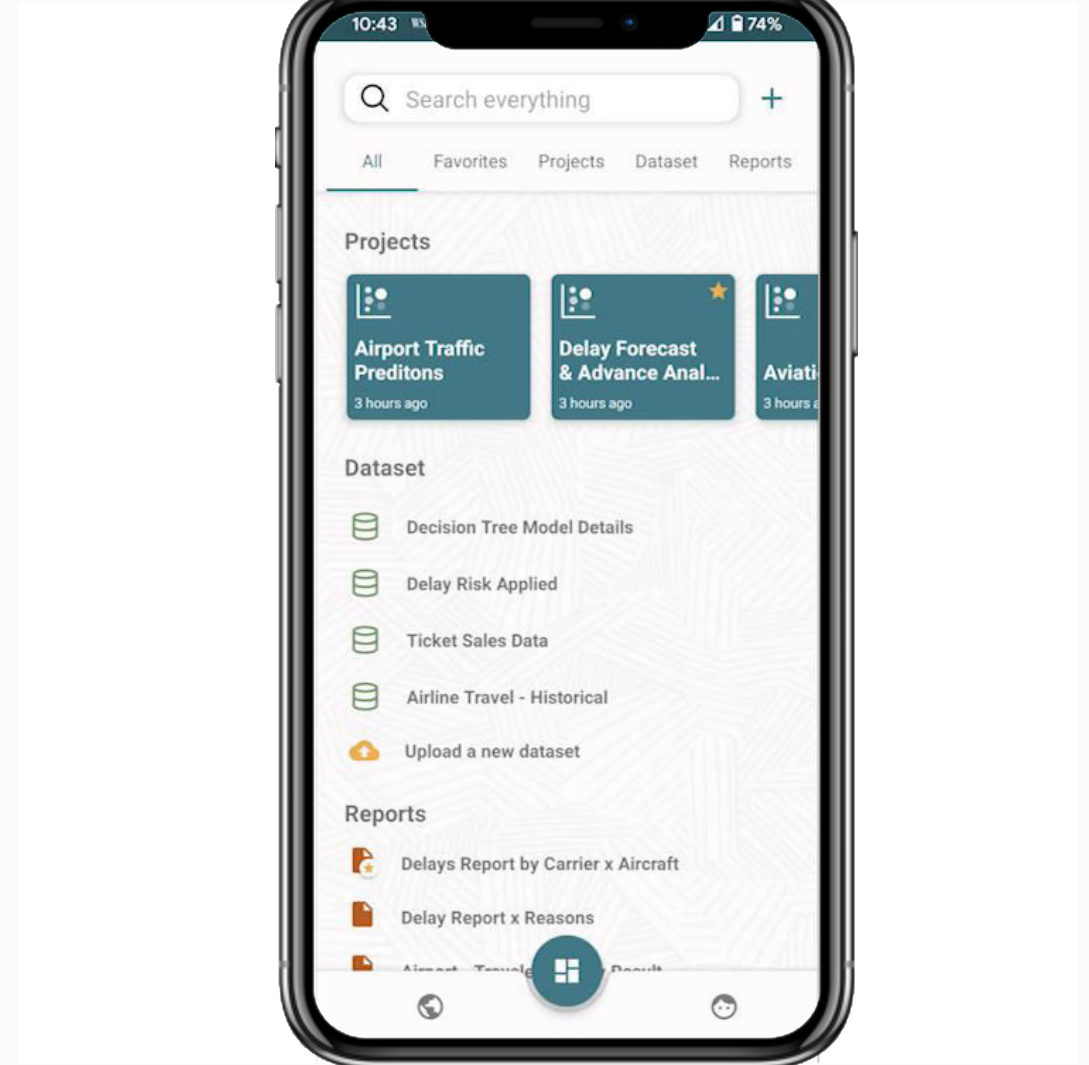


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New Oracle Analytics **Mobile** App!

- Unified Home Page & Search
- Viewing and interacting with **DV projects**
- Launch "Classic" content from the App
- Share & **collaborate** on projects and datasets
- Open, create & upload **datasets**

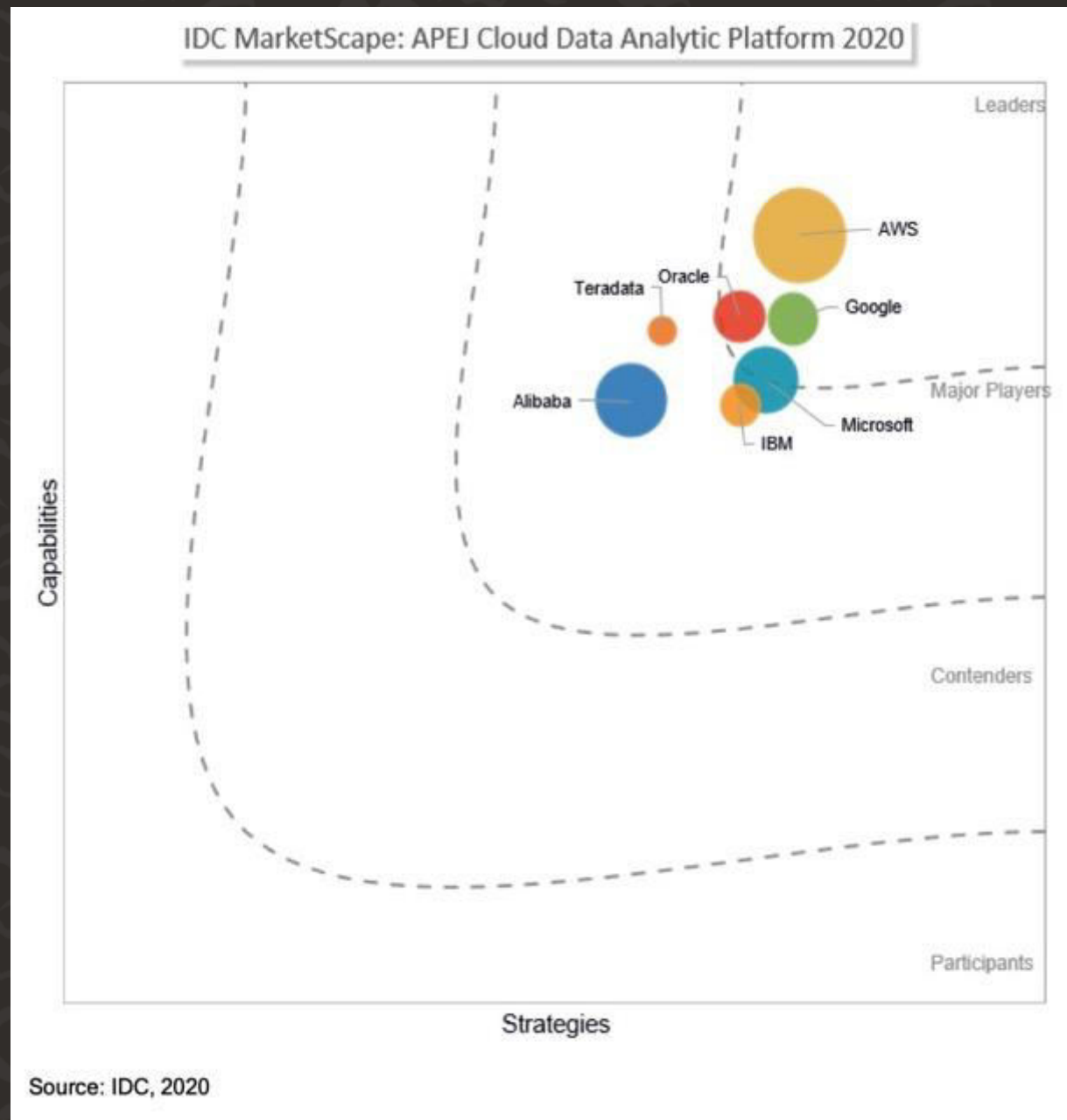


A man with dark hair and glasses, wearing a teal sweater, is looking at a tablet computer. He is smiling slightly. The background is a blurred office environment with a desk, chair, and some framed pictures on the wall. The overall lighting is soft and professional.

Analyst
TRENDS

IDC 2020 MarketScape: Oracle is named a Leader in the latest IDC MarketScape

- Oracle is named a Leader in the latest IDC MarketScape: APEJ Cloud Data Analytics Platform 2020 Vendor Assessment which recognizes our Cloud Data & Analytics Platform as “highly accelerated and trusted for customers speeding up their transformation to the cloud.”



More information on Oracle Analytics

[Oracle.com/Analytics](https://www.oracle.com/Analytics)

[Oracle.com/goto/AnalyticsLeaders](https://www.oracle.com/goto/AnalyticsLeaders)

[Blogs.oracle.com/analyticscloud](https://blogs.oracle.com/analyticscloud)

[Facebook.com/OracleBusinessAnalytics](https://www.facebook.com/OracleBusinessAnalytics)

[Twitter.com/OracleAnalytics](https://twitter.com/OracleAnalytics)

cloudcustomerconnect.oracle.com



Thank You



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Product Strategy
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