

Oracle 现代数据分析平台

公益讲座11:00准时开始，请大家先浏览云技术微信公众号技术文章。资料会在各群同步发布，已入群客户请勿重复入群！



20-23

数据库和云讲座群



甲骨文云技术公众号



B站专家系列课程



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ORACLE

Oracle OAC/OAS 现代数据分析平台

Henry Lu

Complete Analytics Platform

完整的分析平台

—
Oracle Analytics Cloud & Oracle Analytics Server

Oracle Analytics - Comprehensive Analytics Platform

Augmented analytics

Power deeper insights by embedding machine learning into every aspect of the analytics process.



Self-service analytics

Provide a complete end-to-end self-service environment that far surpasses data visualization.



Intelligent Search



Smart Data Discovery



Natural Language



Smart Data Preparation



Auto-Suggest



Embedded Machine Learning



Visualization & Dashboarding



Global Transform Policies



Smart Collaboration



Integrated Data Science



Experience Continuity



Proactive Mobile

增强分析

Governed analytics

Scale analytics with a secure, extensible, and personalized architecture.

自助分析



Enterprise Architecture & Security



Platform Extensibility



Developer Experience



Smart Data Connectors



High Volume Reports



Semantic Models

管控分析

Oracle Analytics 第三方机构的评估

BARC 调查报告

Oracle Analytics Cloud 在 BARC 调查报告的高级分析和预测分析部分获得最高分

Oracle Analytics Cloud 在 BARC BI & Analytics Survey 24 的六个不同的对等组中均位于高级分析和预测分析榜单之首。

阅读调查报告摘要



Forrester 报告

Forrester 将 Oracle Analytics 列为领导者

Oracle 在《The Forrester Wave™: 增强型商务智能平台, 2023 年第二季度》报告中被评为领导者。

阅读 Forrester 报告



Gartner 报告

Gartner 将 Oracle Analytics 评为“远见者”

Oracle 凭借强大的执行能力和杰出的愿景完整性, 在 2023 年《Gartner® 分析和商务智能平台魔力象限》报告中获评为“远见者”。

阅读 Gartner 报告



Nucleus 报告

Nucleus 将 Oracle Analytics 评为行业领导者

Oracle 在“2022 年 Nucleus 嵌入式分析价值矩阵”中被评为领导者。Oracle 提供超越仪表盘和报告的嵌入式功能。

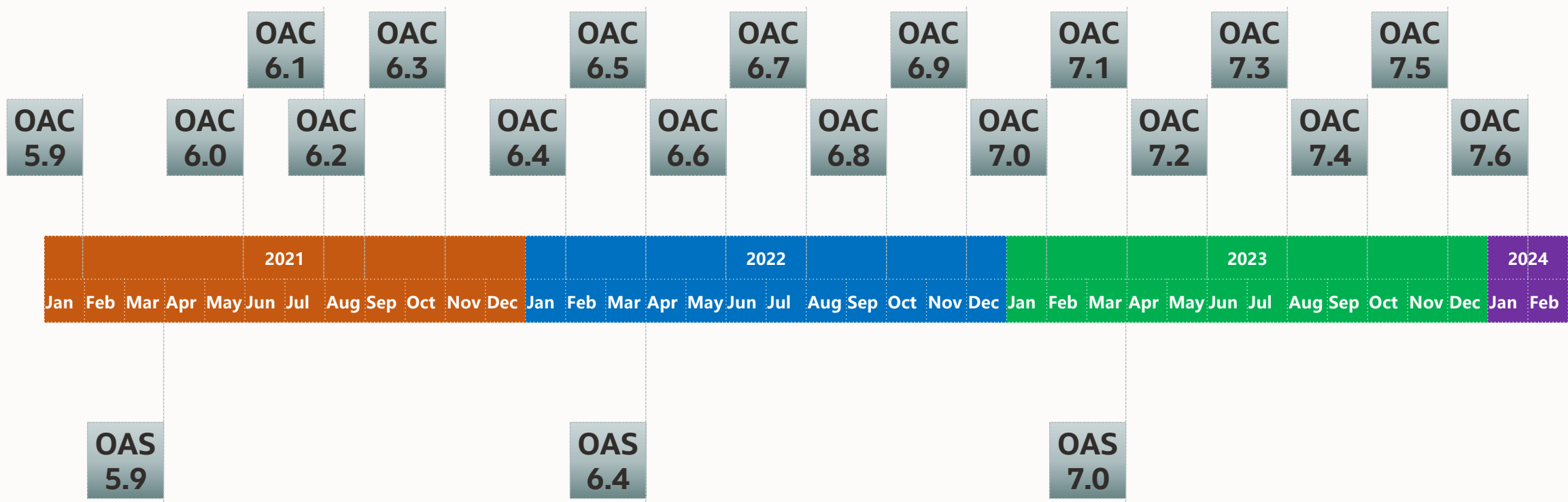
阅读 Nucleus 报告



<https://www.oracle.com/cn/business-analytics/>



OAC/OAS 近年的版本迭代



OAC/OAS What's New

帮助中心

Oracle 分析云的新特性 Search

云 / 云平台 / 分析云

Oracle 分析云的新特性

Oracle 分析云的新特性

以下是我们最近为改善 Oracle 分析云体验而添加的新功能和增强功能的概述。

主题：

- 2024 年 1 月
- 2023 年 11 月
- 2023 年 9 月
- 早期功能

如需了解最新的 Oracle 分析新闻、产品更新、客户和合作伙伴案例以及市场洞察，请参阅 <https://blogs.oracle.com/analytics>。

2024 年 1 月

- 2024 年 1 月新增功能
- 2024 年 1 月不再支持的功能
- 产品指南增强功能
- 2024 年 1 月解决的问题

2024 年 1 月新增功能

探索、仪表板和讲故事

特征	描述
将工作簿或仪表板文件夹添加到快速链接	保存工作簿或仪表板时，选择特选的工作簿或仪表板文件夹，从而使指向该工作簿或仪表板的访问 Oracle Analytics Cloud，开始构建工作簿和创建可视化，以及创建您的第一个仪表板。
使用图标和表情符号批注工作簿数据	根据工作簿中的条件格式规则，使用图标和表情符号对表格和数据透视表标签进行注释。请参阅
从可用值列表中选择参数的初始值	创建一个包含可用值列表的工作簿参数，然后从可用值的下拉列表中选择该参数的初始值。请参阅
控制工作簿中的缩放	使用“演示”自定义工作簿，以便使用者在查看工作簿内容时具有缩放控件。请参阅在当下为消

帮助中心

Oracle Analytics Server 的新特性 Search

中间件 / 商业智能 / 分析服务器

Oracle Analytics Server 的新特性

Oracle Analytics Server 的新特性

以下是最近为改善 Oracle Analytics Server 体验而添加的新功能和增强功能的概述。

Oracle Analytics Server 2023 的新特性

探索、仪表板和讲故事

特征	描述
添加您自己的自定义表标题	为表格和数据透视表添加您自己的自定义标题。请参阅关于可视化属性。
将条件格式应用于性能磁贴	定义性能磁贴的条件格式以及其他可视化效果类型。请参阅将条件格式应用于可视化效果。
为地图图层分配地图背景	配置地图背景和图层，使工作簿设计人员能够更轻松地图可视化效果。请参阅更新自定义地图图层。
纬度和经度数据列的 Auto Insights 地图可视化	Auto Insights 可识别任何数据集中的纬度和经度数据类型，并自动呈现地图可视化效果作为建议见解的一部分。请参阅使用 Auto Insights 为数据集选择最佳可视化效果。
在画布上配置可视化效果之间的网格间距	在画布上的网格上配置可视化效果的间距，当画布处于自由格式模式时，请使用 Grid Guidelines 属性。请参阅使用画布网格对齐可视化效果指南。
控制地图上的气泡大小	使用气泡来表示地图上的点。为这些气泡设置最小和最大大小（以像素为单位），以根据地图的缩放级别和点的密度来控制地图的杂乱程度。请参阅在单个地图可视化上应用多个数据图层。
控制可视化中的数据刷新叠加	使用工作簿的“可视化覆盖”属性控制覆盖在可视化中的显示方式。请参阅设置可视化加载叠加不透明度。
控制仪表板筛选器栏	在仪表板筛选器列表框中，在同一控件中使用多个筛选器选项。与其在屏幕上放置六个列表框，不如使用下拉选择管理单个筛选器栏。请参阅创建仪表板筛选器。
从筛选器栏控制工作簿筛选器交互	控制所有工作簿筛选器如何与工作簿的筛选器栏进行交互。在筛选器栏中，您可以限制为每个筛选器指定的所有相关筛选器，或按功能关闭限制。请参阅“筛选器”栏中的“启用或禁用限制依据”设置。
创建复合卡片样式磁贴可视化效果	创建复合卡片样式磁贴可视化效果以包含最多三个度量值，并定义每个度量值的布局 and 大小属性。请参阅筛选器和其他可视化类型。
创建个性化的无数据消息	创建自己的消息，以便在可视化中找不到数据时显示。请参阅为没有数据的可视化创建自定义错误消息。
自定义工作簿标题栏的外观	作者可以显示或隐藏标题栏，并自定义背景和文本。消费者可以查看作者配置的标题栏。请参阅创建故事。
在数据透视表中显示 null 值的行和列	控制空值的行和列在数据透视表中的显示方式。当层次结构的顶部成员在 Oracle Fusion Enterprise Performance Management 云或 Oracle Feedback 中具有空值时，请参见关于可视化属性。

LinkedIn Twitter Facebook Email

Oracle Analytics Server 的新特性

文档可访问性

OAC What's New <https://docs.oracle.com/en/cloud/paas/analytics-cloud/acswn/index.html#GUID-CFF90F44-BCEB-49EE-B40B-8D040F02D476>

OAS What's New <https://docs.oracle.com/en/middleware/bi/analytics-server/whats-new-oas/#GUID-1B23BC2D-11BD-4032-B3A7->



Oracle Fusion Data Intelligence Roadmap

	Current	Upcoming	Future
ERP	<ul style="list-style-type: none"> Configurable Account Analysis – Receipt Acctg Grants Award Funding Subject Area (Preview) Enterprise Contracts Subject Area (Preview) Receipt Accounting Subject Area (Preview) 	<ul style="list-style-type: none"> Fusion Accounting Hub (New SKU) FAH – CAA integration Labor Distribution CAA – Semantic Model Extension Support 	<ul style="list-style-type: none"> Risk Mgmt & Compl. Encumbrance Cash Management Addtl Projects modules ESG Analytics Procurement Sourcing
HCM	<ul style="list-style-type: none"> Inferred Skills via OSS* Employee Help Desk Learning Enhancements Talent Profile History Diversity Analysis (USA) Goal Plan Approvals 	<ul style="list-style-type: none"> Payroll Run Results (Preview) Organization Productivity Scheduling Analytics Peer Benchmarks GROW Analytics Benefits (Preview) 	<ul style="list-style-type: none"> Inferred Skills Position Hierarchies Configurable AOR Employee Flight Risk Prédiction Employee Questionnaires
SCM	<ul style="list-style-type: none"> Operation Transactions Subject Area (Preview) Resources Subject Area (Preview) Materials Subject Area (Preview) Inventory Aging & Turns Subject Area (Preview) 	<ul style="list-style-type: none"> Draft Sales Order support Cost Accounting (Preview to GA) UOM & Inv On-hand Balances (Preview to GA) Data Augmentation – OTM, WMS (Preview) 	<ul style="list-style-type: none"> SCM Planning Sourcing, SQM OM Channel Mgmt Mfg Asset Lifecycle Mfg Quality Mgmt ESG Analytics
CX	<ul style="list-style-type: none"> Sales/Service Analytics B2B Marketing Analytics Subscription Mgmt Analytics Salesforce Analytics (Preview) 	<ul style="list-style-type: none"> Salesforce Analytics (GA) Revenue Forecasting (Preview) CPQ Analytics (Preview) CX Unity Analytics 	<ul style="list-style-type: none"> Incentive Comp Analytics Revenue Forecasting (GA) Field Service Analytics Pricing Optimization (Preview)
Platform	<ul style="list-style-type: none"> External App Merge Data Augmentation Connectors Configurable sec contexts Frequent data refresh 	<ul style="list-style-type: none"> SME enhancements Backup/Restore Publishing to OSS Bundles Repository Application SDK (preview) 	<ul style="list-style-type: none"> Paid DR option Native UX integration with Fusion Apps Multiple Languages per instance
Infra	<ul style="list-style-type: none"> Tokyo DC Amsterdam DC Melbourne DC 	<ul style="list-style-type: none"> Osaka DC Montreal DC Hyderabad DC 	<ul style="list-style-type: none"> US Gov Cloud Support of multiple FA pod families DRCC Support Deeper UI integration with Fusion Apps

*Some features may have prerequisite requirements. See release documentation for details. Intelligent Applications Product Roadmap coming soon.

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Oracle Analytics 近年重要的更新

数据连接等系统功能



- 网页版语义建模器增强，采用了基于JSON的SMML标记语言进行建模，支持用编程方式生成和修改模型
- 数据丰富功能增强，可自定义参考数据
- 支持创建多表数据集，包括主要RPD Subject Area主题区域，外部数据文件
- 新增数据连接：Delta Share/ Google Analytics/Snowflake/Vertica/Heatwave/Spark3.0/Synapse/BigQuery
- 以编程方式管理连接和系统设置
- 跟踪使用日志增强
- 备份和还原功能增强
- 定时更新与缓存数据增强

可视化等交互功能



- 布局优化更新，开发创作体验增强
- 可定义重用变量，可重用于表达式，计算，筛选器等
- 新增与增强的筛选器
- 新增与增强的可视化视图
- 新增计算函数（时间比较/时间累计等）
- 可视化视图定义与交互功能增强
- 内容菜单/导航/快速链接增强
- 筛选器/计算列参数引用增强
- 数据操作传递参数/别名/上下文增强
- 基于条件/规则的注释与批注
- 数据流执行计划
- 工作簿分析面板邮件计划

增强分析和机器学习功能



- 一键解释功能增强
- 新增Auto Insight功能与增强
- 内置AI增强功能
- 集成ML/AL功能
- 可部署 AI 语言识别模型
- 可调用预定义的 OCI 文档理解模型
- 数据流中的 AutoML 模式
- 数据流中的 OCI 视觉 AI 集成
- 用于机器学习的FI XGBoost 和神经网络算法

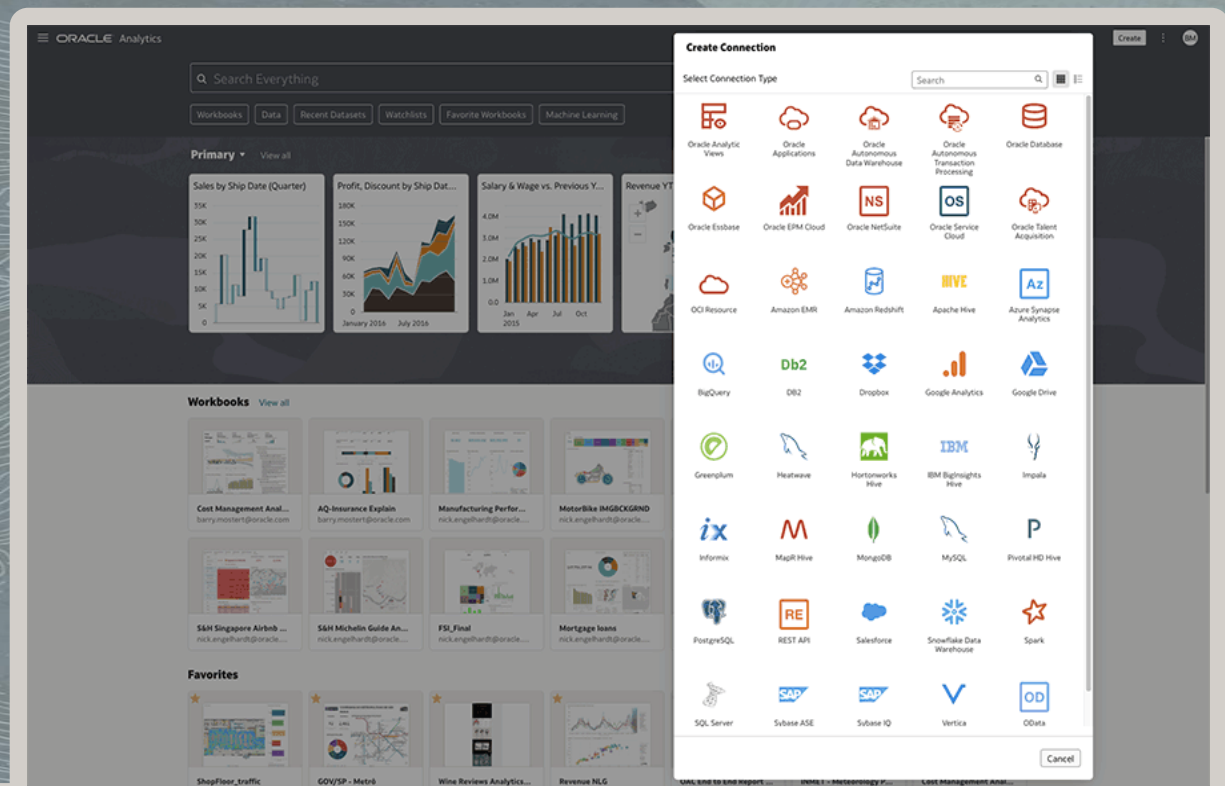
Oracle Analytics 一套可提供完整分析 workflow 支持的分析平台

包括数据连接、数据建模、数据准备和丰富、数据探索、可视化、故事讲述和协作



连接任何数据源

- 提供40+种开箱即用的原生连接器，可连接Oracle与非Oracle数据源，可连接任何支持ODBC/JDBC连接的数据源
- 可连电子表格XLSX和逗号分隔值CSV等本地文件数据源
- 可安全创建，管理和共享数据源连接



Support Data Sources

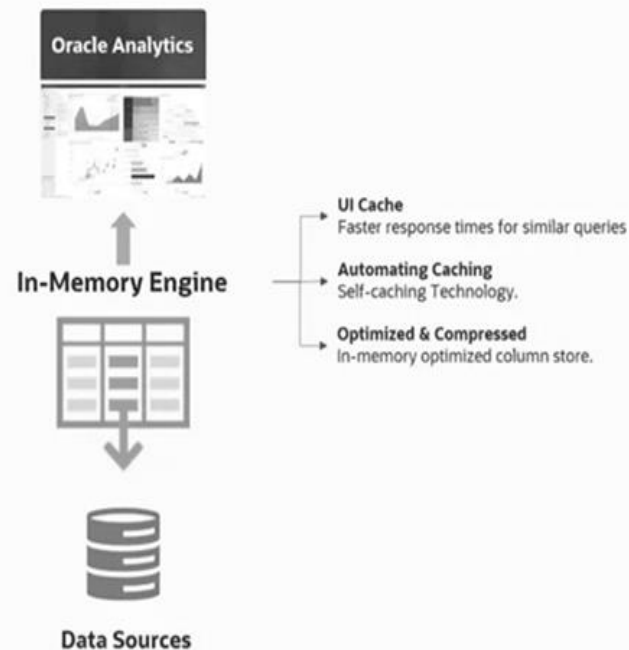
<https://docs.oracle.com/en/cloud/paas/analytics-cloud/acds/supported-data-sources.html#GUID-3702ABF9-F3D3-4924-B4F8-3A436349DF9E>



直接查询和数据缓存

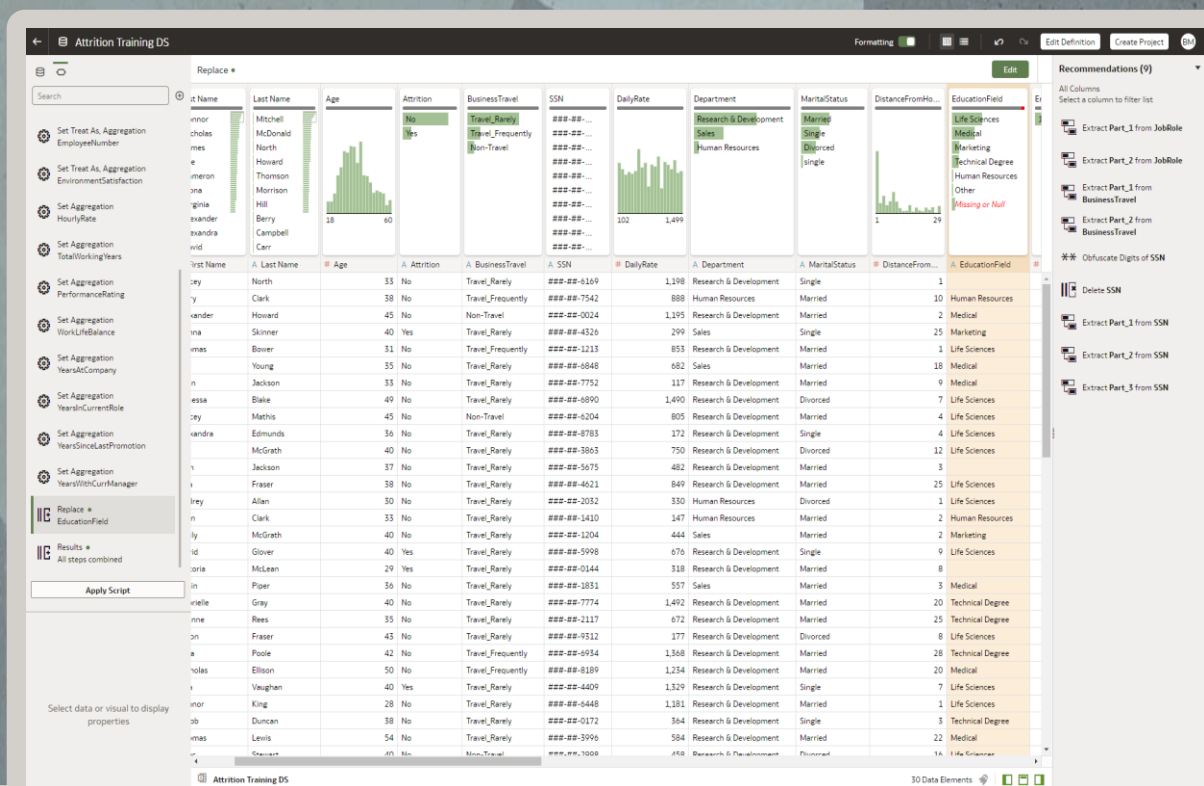
- 直接查询能够在查询时将数据直接从数据源提取到分析层
- 可以选择性地缓存受到频繁访问的查询结果，提高性能，降低源系统上的分析工作负载负担
- OAC提供基于内存的优势引擎

- ✓ Self-tuning
- ✓ Self-compressing
- ✓ Self-caching
- ✓ Self-optimized
- ✓ Fully managed Oracle Analytics UI



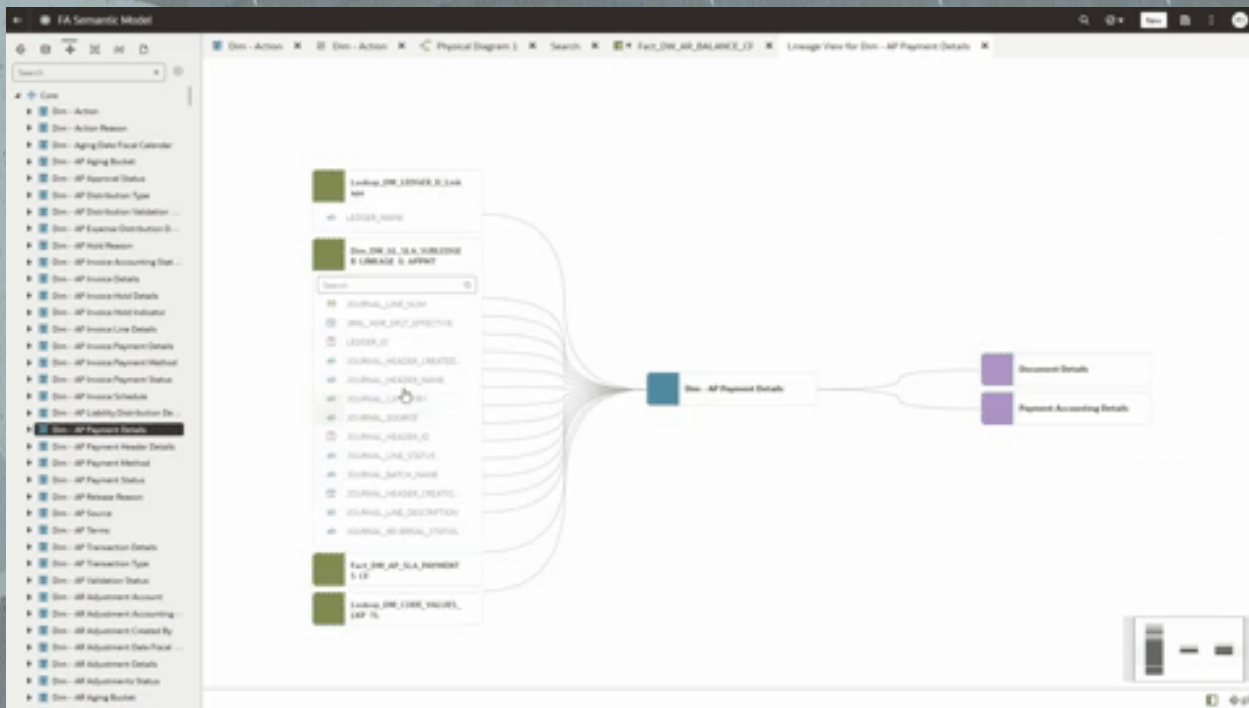
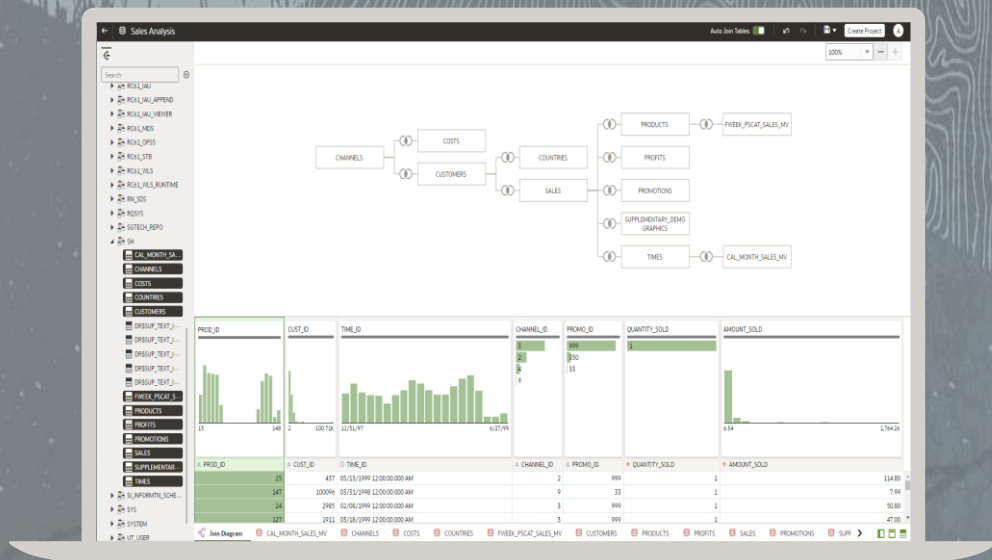
数据增强与扩展推荐

- 数据集可以使用内置参考数据、属性转换进行扩展
- 内置的扩展参考数据包括：全球位置与编码信息；
- 可通过Custom Knowledge自定义扩展参考数据；
- 基于数据集可转换扩展的数据包括：依据判断性别，字符提取与组合拆分，语义提取，日期段提取等



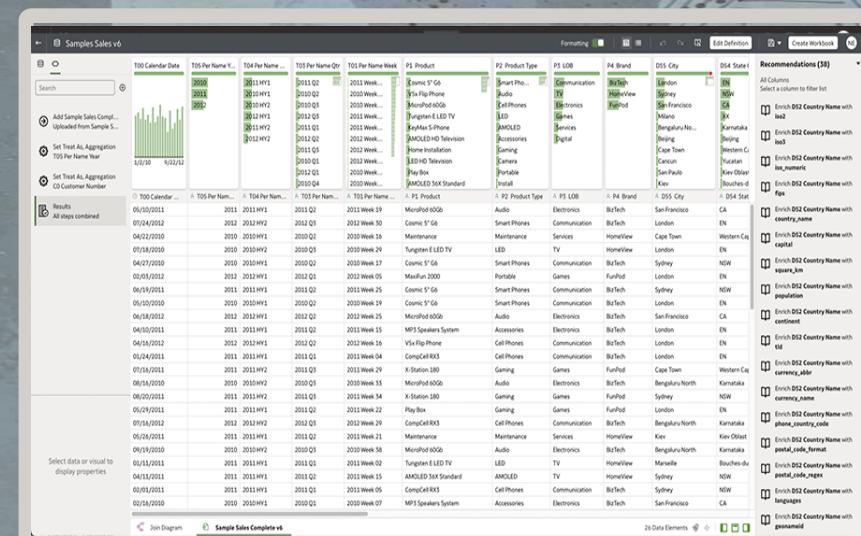
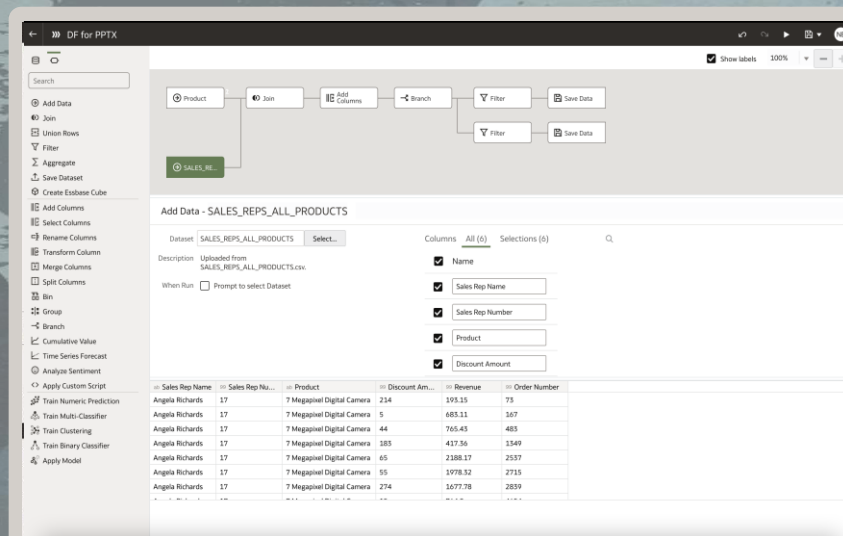
数据建模

- 提供新的灵活的建模方式：网页化自助化和可管理
- 与Admin Tool同样分物理，逻辑，表示三层集中映射和管理数据模型
- 构建数据的逻辑业务视图，以获得可靠且一致的度量视图
- 多用户开发（MUD）和Git集成



最后一公里的数据准备

- 可创建基于组件的图形化的数据流
- 支持20+种数据转换组件，例如合并和分支
- 数据流中可引用情感分析，时间序列预测等内置ML算法
- 可添加复杂的转换和计算列，可自定义计算和正则表达式
- 数据流可设置调度，可定时自动完成处理数据任务



AI & ML

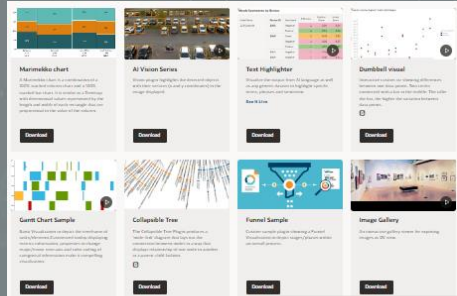
- 一键式高级分析：时序预测、趋势线、聚类 and 参考线
- Explain 一键解释功能
- Auto-Insights 自动洞察功能
- 数据流可引用10多个ML 模型
- 自然语言NLP 提供搜索分析功能，包括关键词与语音对话方式
- 利用 OCI AI 服务进行扩展分析



可视化&分析

- 支持45+种开箱即用的可视化视图，与多种扩展视图插件
- 自动可视化洞察推荐
- Conditional formatting 条件格式规则增强
- 复合可视化分析页面，支持多图联动分析
- 支持复杂的管控报表和仪表盘
- 自然语言处理 (NLP) 支持语间和关键词搜索分析

分析效果示例 <https://oac-public.com/ui/dv/ui/home.jsp?pageid=home>



平台: 全部
负责人: 全部
店铺: 全部
国家: 全部
SKU: 全部
日期: 完整范围

按 SKU 聚类 列出 利润, 销售额

按日期 (一月中的第几天), 日期 (第几月) 列出 销售额

按 周几, 日期 (一年中的第几周) 列出 销售额

国家, 数量

按 平台, 负责人, 店铺 列出 销售额

按 平台, 店铺 列出 销售额

按 平台, 店铺 列出 销售额

按 平台, 店铺 列出 销售额

Sample Dashboard

Sales Summary

Year: --Select Value--

Region: AMERICAS, APAC, EMEA

Channel: Catalog, Online, Store

Product: 7 Megapixel Digital Camera, Bluetooth Adaptor, CompCell RXX, Game Station, HomeCoach 2000, Kylix S Phone, MP3 Speakers System, MPEG4 Camcorder, MaxFun 2000, MicroPod 60GB, PocketFun ES, SoundX Nano 4Gb, Touch-Screen T5

What is My Sales Summary?

Key sales metrics for top performing products based on revenue and number of orders. Filter this page using the prompts on the left.

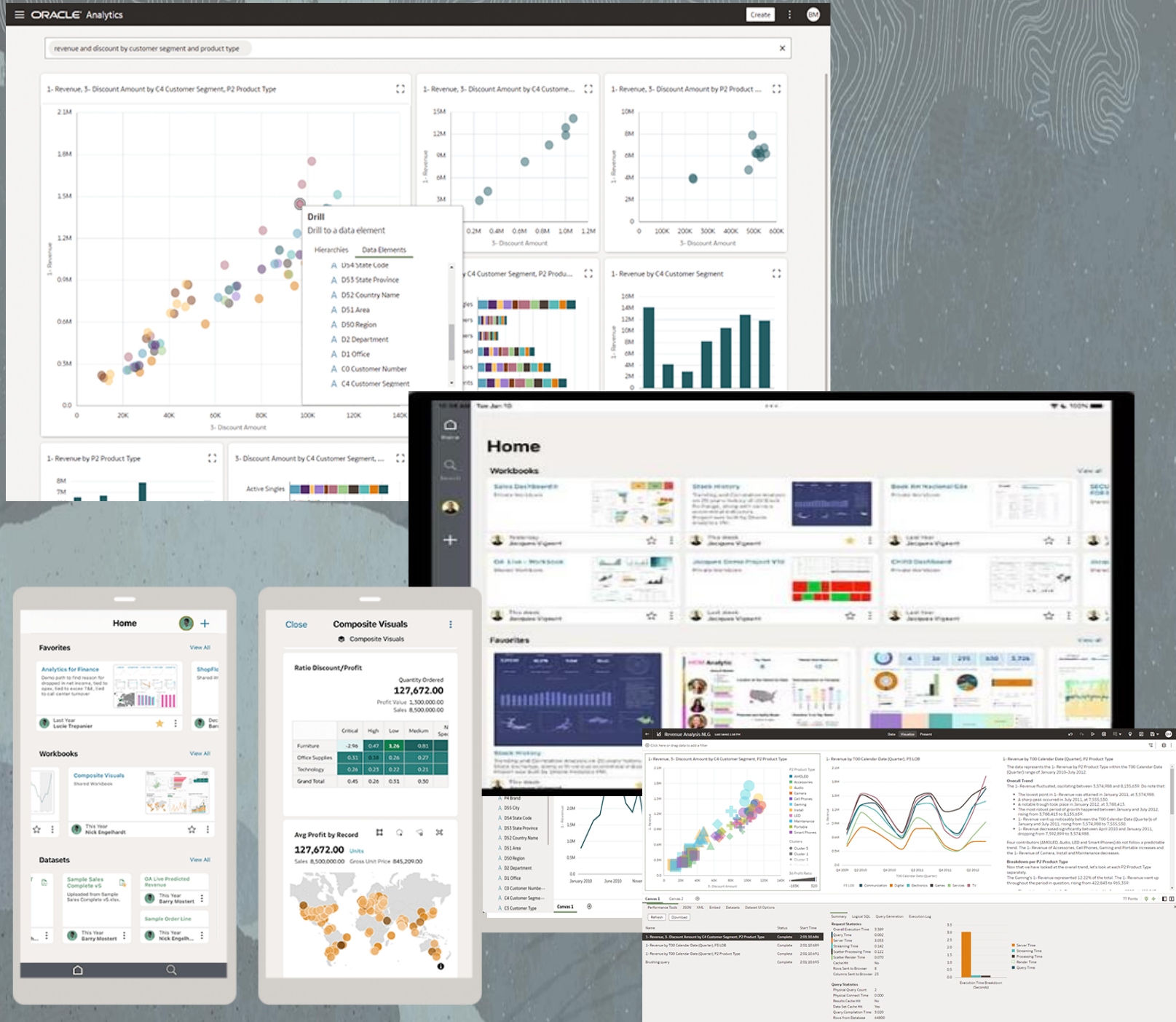
Revenue	# of Orders	Avg Order Size	Discount Ratio	Unit Price	Profit Ratio
173M	206K	840.7	3.16%	72.88	6.54%

Top Product Performers Based on Revenue

Product	Region	Revenue	Profit Ratio %	# of Orders
PocketFun ES	AMERICAS	\$12,905,509	8.13%	17,424
PocketFun ES	EMEA	\$12,256,509	6.10%	16,321
MPEG4 Camcorder	AMERICAS	\$10,400,704	6.22%	9,040
CompCell RXX	AMERICAS	\$10,328,037	11.60%	8,955
MPEG4 Camcorder	EMEA	\$9,917,772	7.50%	8,655
CompCell RXX	EMEA	\$9,551,248	12.02%	8,344
MicroPod 60GB	AMERICAS	\$9,302,441	4.16%	6,931
MicroPod 60GB	EMEA	\$8,744,952	0.68%	6,844
7 Megapixel Digital Camera	AMERICAS	\$7,099,236	5.17%	7,613
PocketFun ES	APAC	\$6,805,416	6.99%	9,115
Total		\$97,009,885	6.56%	99,052

使用和协作

- 支持任何设备上的任何浏览器
- 可共享数据集，项目或演示稿
- 响应式网页设计，可在移动设备上提供最佳体验
- 支持与Slack/Team无缝集成，可共享，查看，交互及评论
- 适用Android和iOS设备，支持使用语音查询，可基于GPS位置或阈值实时推送和报警
- 可视化页面支持嵌入到自定义页，门户和应用中
- 可从画布性能监视视图访问系统生成的HTML嵌入代码

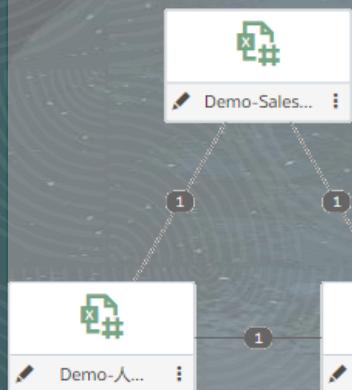




DEMO

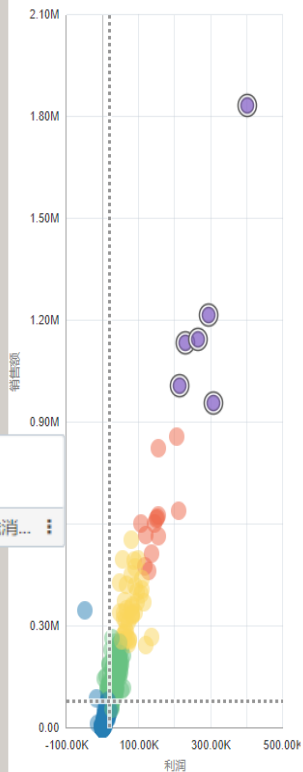
自助分析

1. 创建工作簿
2. 加入数据
3. 自动关联数据
4. 扩展数据
5. 创建可视化视图
6. 一键高级分析
7. 视图联动分析
8. 创建导航
9. 洞察分析

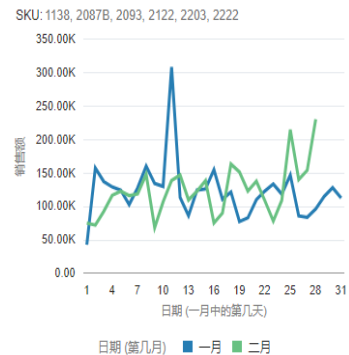


平台 负责人 店铺 国家 SKU 日期
全部 全部 全部 全部 全部 完整范围

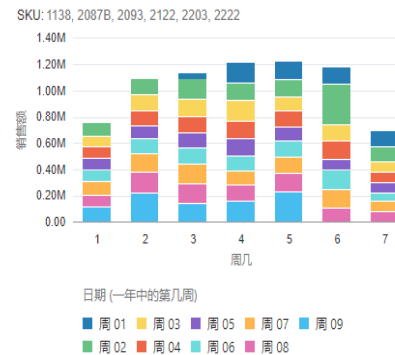
按 SKU, 聚类 列出 利润, 销售额



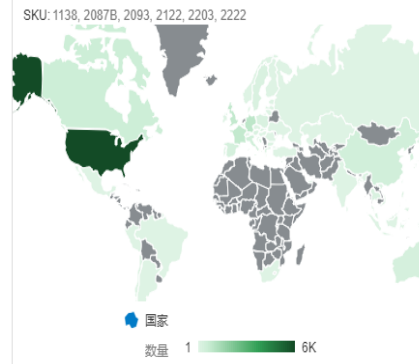
按 日期 (一月中的第几天), 日期 (第几个月) 列出 销售额



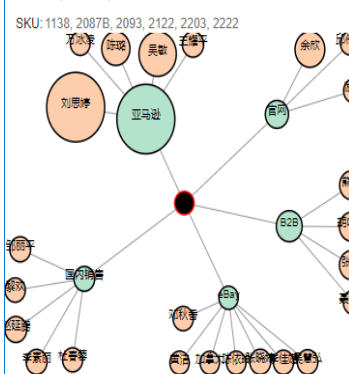
按 周几, 日期 (一年中的第几周) 列出 销售额



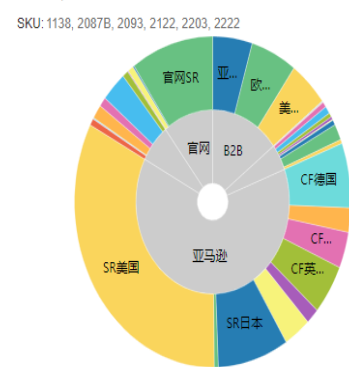
国家, 数量



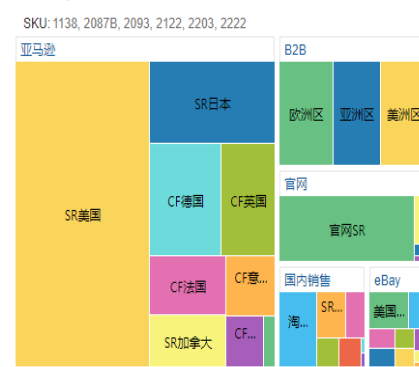
按 平台, 负责人, 店铺 列出 销售额



按 平台, 店铺 列出 销售额



按 平台, 店铺 列出 销售额



内置 AI 增强功能

- AI Auto-Insights

Customer Segment, City, ...

Product Category

Search

- Test Data Set
 - Order Line ID
 - Order ID
 - Order Priority
 - Customer ID
 - Customer Name
 - Customer Segment
 - City
 - Product Category
 - Product Sub Category
 - Product Container
 - Product Name
 - Profit**
 - Quantity Ordered
 - Sales
 - Discount
 - Gross Unit Price
 - Shipping Cost
 - Ship Mode
 - Ship Date
 - Order Date
 - Country
 - Continent
 - Region
 - Customer ssn
- My Calculations
- Value Labels

Title Auto

Title Font Auto

Title Tooltip Auto

Legend Position Auto

Legend Title Auto

Legend Title Font Auto

Legend Labels F... Auto

Background Auto

Suppress Repeat... Off

Show Duplicate R... Off

Align Center

Tile

Tile Alignment Left

Tile Label Auto

Label Position Above

Label Alignment Auto (Left)

Label Font Auto

Value Font Auto

Secondary Position Below

Secondary Orien... Vertical

Secondary Label... Auto

Secondary Value... Auto

Size and Position

Width 700 px

Height 763 px

Customer Segment, City, Product Category, Country, Profit

Customer Segment	City	Product Category	Country	Profit
Consumer	Adelaide	Technology	Australia	446.99
Consumer	Ahmedabad	Technology	India	-34.10
Consumer	Ahmednagar	Technology	India	-80.19
Consumer	Albany	Technology	United States	101.45
Consumer	Aomori	Technology	Japan	250.09
Consumer	Augusta	Technology	United States	5,439.07
Consumer	Bangkok	Technology	Thailand	3,028.02
Consumer	Barcelona	Technology	Spain	263.23
Consumer	Beijing	Technology	China	6,517.02
Consumer	Belfast	Technology	United Kingdom	1,839.20
Consumer	Berlin	Technology	Germany	552.10
Consumer	Birmingham	Technology	United Kingdom	1,178.15
Consumer	Bogota	Technology	Colombia	793.45
Consumer	Boise	Technology	United States	-141.35
Consumer	Bordeaux	Technology	France	159.18
Consumer	Bristol	Technology	United Kingdom	1,406.27
Consumer	Buenos Aires	Technology	Argentina	-75.26
Consumer	Burlington	Technology	United States	-123.70
Consumer	Cairo	Technology	Egypt	519.75
Consumer	Canberra	Technology	Australia	-1,049.89
Consumer	Cancun	Technology	Mexico	-492.84
Consumer	Cape Town	Technology	South Africa	-11,379.31
Consumer	Cardiff	Technology	United Kingdom	80.45
Consumer	Charleston	Technology	United States	165.66
Consumer	Charlotte	Technology	United States	1,462.28

New Rule ■ Profit > 0 ■ Profit ≤ 0

内置 AI 增强功能

- Explain

The screenshot displays the Oracle Analytics interface with a modal window titled "Explain Attrition". The modal is divided into several sections:

- Basic Facts about Attrition:** "What are the values of Attrition and how do they relate to each other?"
- Key Drivers of Attrition:** "What elements in this data best explain the values of Attrition?"
- Segments that Explain Attrition:** "What hidden groups in the data can predict outcomes for Attrition?"
- Anomalies of Attrition:** "What groups in the data exhibit unexpected results for Attrition?"

The "Key Drivers of Attrition" section includes the text: "Based on Attrition: All Values the 2 attributes that are most strongly correlated are: **OverTime, JobRole**". Below this, it states: "The charts below show the distribution of Attrition values across each of the key drivers (sorted by descending row count). Click the checkmarks above any of the visuals to add them to your workbook when done."

Two horizontal stacked bar charts are shown:

- OverTime:** A chart showing the distribution of Attrition (Yes/No) for "No" and "Yes" categories. The x-axis is labeled "(Row Count)" with markers at 0%, 40%, and 80%. A legend indicates "Attrition: Yes (orange), No (dark green), -- 0".
- JobRole:** A chart showing the distribution of Attrition (Yes/No) for various job roles: Sales E..., Resear..., Labora..., Manuf..., Health..., Manager, Sales R..., Resear..., and Human... The x-axis is labeled "(Row Count)" with markers at 0%, 40%, and 80%. A legend indicates "Attrition: Yes (orange), No (dark green), -- 0".

On the right side of the interface, there is a "Measures Overview" table and two heatmaps:

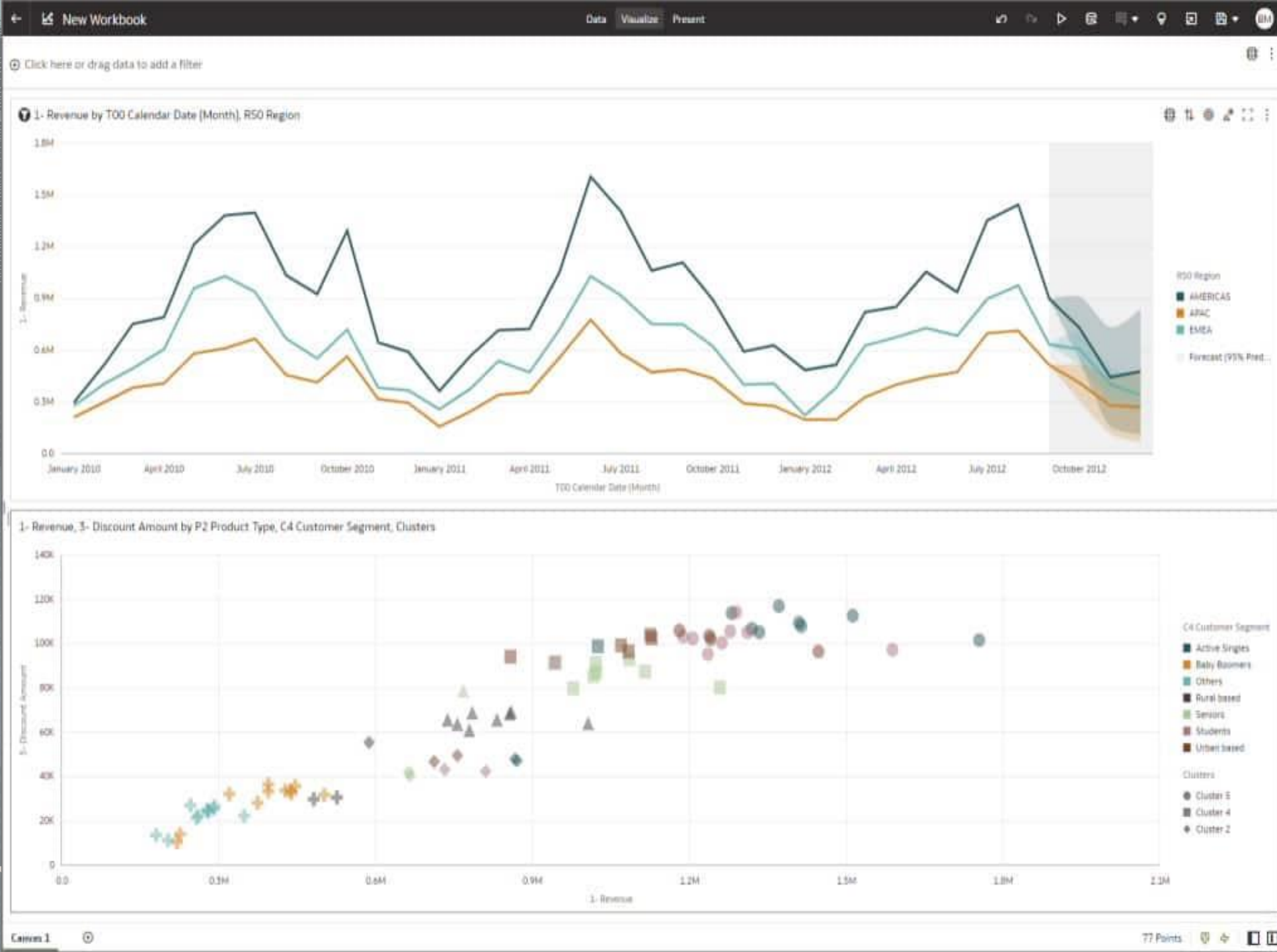
Measure	Value
Row Count	1,470
DailyRate value	1,179,154
DistanceFromHome value	13,113
DailyRate by Record	802.49
DistanceFromHome by Record	9.19
Ratio DailyRate, DistanceFromHome	87.30

	Non-Travel	Travel_Frequently	Travel_Rarely
Human Resources	0.33%	9.67%	
Research & Development	1.79%	11.02%	
Sales	5.29%	3.72%	
Grand Total	10.39%	18.61%	7

	Non-Travel	Travel_Frequently	Travel_Rarely
Human Resources	0.43%	0.75%	
Research & Development	1.60%	11.38%	
Sales	5.20%	3.71%	
Grand Total	10.20%	15.84%	7

内置 AI 增强功能

1-Click ML/AI



嵌入式 ML 功能

Drag and Drop ML and Data Science

The screenshot displays a data science workflow in a software application. At the top, a workflow diagram shows an 'Employee ...' dataset being processed by a 'Train Numeric Prediction' model. Below this, the 'Add Data - Employee Attrition' configuration panel is visible. It includes a search bar, a 'Dataset' dropdown set to 'Employee Attrition', and a 'Columns' section with 30 selected columns. The 'When Run' section has a checkbox for 'Prompt to select Dataset' which is unchecked. The main area of the interface is a data table with the following columns: Business Unit Name, Department Name, Grade Code, Action Reason, Action Name, Action Type, Termination C..., Job Name, Location Name, Calendar Year, Territory Shor..., Employee Ethnicity, and Empl...

Business Unit Name	Department Name	Grade Code	Action Reason	Action Name	Action Type	Termination C...	Job Name	Location Name	Calendar Year	Territory Shor...	Employee Ethnicity	Empl...
US1 Business Unit	Sales North US	Prof06	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Chicago	2016	United States	White	Female
US1 Business Unit	Consulting	CON3	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Principal Consultant	Atlanta	2016	United States	White	Male
US1 Business Unit	Consulting	CON3	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Atlanta	2016	United States	Black or African American	Male
US1 Business Unit	Consulting	CON1	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Principal Consultant	Atlanta	2016	United States	White	Female
US1 Business Unit	Consulting	Prof05	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Chicago	2016	United States	White	Female
US1 Business Unit	Sales North US	CON1	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Atlanta	2016	United States	White	Male
US1 Business Unit	Sales North US	Prof06	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Chicago	2016	United States	Asian	Male
US1 Business Unit	Sales North US	Prof06	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Consultant	Chicago	2016	United States	Asian	Female
US1 Business Unit	Sales North US	PROF04	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	San Francisco	2013	United States	White	Male
US1 Business Unit	Sales Central US	PROF04	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	San Francisco	2013	United States	White	Female
US1 Business Unit	Sales Central US	PROF04	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	San Francisco	2013	United States	White	Female
US1 Business Unit	Sales Central US	PROF04	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	New York	2013	United States	Hispanic or Latino	Male
US1 Business Unit	Sales Central US	PROF04	Better Opportunity	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	New York	2013	United States	Black or African American	Male
US1 Business Unit	Sales Central US	PROF04	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	New York	2013	United States	White	Male
US1 Business Unit	Sales Central US	PROF04	Incompatibility with Manager	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	Dallas	2013	United States	Black or African American	Male
US1 Business Unit	Sales Central US	PROF04	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Sales Representative	Dallas	2013	United States	Asian	Male
US1 Business Unit	Sales Central US	PROF06	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Account Executive	Dallas	2013	United States	White	Male
US1 Business Unit	Sales East US	PROF01	Incompatibility with Manager	Resignation	Terminate Work Relationship	VOLUNTARY	Sales Representative	New York	2013	United States	American Indian or Alaska Native	Male
US1 Business Unit	Manufacturing US	PROF02	Better Opportunity	Resignation	Terminate Work Relationship	VOLUNTARY	Product Data Steward	Dallas	2014	United States	White	Male
Progress US Business Unit	Executive Office Prg US	Salary10	Better Opportunity	Resignation	Terminate Work Relationship	VOLUNTARY	US Director	Reston	2013	United States	Black or African American	Female
US1 Business Unit	Human Resources US	PROF02	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Human Resources Generalist	San Francisco	2013	United States	Asian	Female
US1 Business Unit	HR Service Desk US	PROF02	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Human Resources Generalist	San Francisco	2013	United States	White	Male
US1 Business Unit	HR Service Desk US	PROF03	Better Opportunity	Resignation	Terminate Work Relationship	VOLUNTARY	Human Resources Generalist	San Francisco	2013	United States	White	Female
US1 Business Unit	Human Resources US	PROF02	No Advancement Potential	Resignation	Terminate Work Relationship	VOLUNTARY	Senior Analyst	San Francisco	2013	United States	White	Male
US1 Business Unit	Human Resources US	PROF02	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Human Resources Generalist	San Francisco	2013	United States	White	Female
US1 Business Unit	HR Service Desk US	PROF02	Compensation	Resignation	Terminate Work Relationship	VOLUNTARY	Human Resources Generalist	San Francisco	2013	United States	White	Male

内置 AI 增强功能

AI Vision 集成

Oracle Analytics | AI Vision Object Detection

AI Vision Vertex - Object Detection Average AI Model Confidence %

OCI Vision Brain

Image File from Bucket (394)

Brain MRI - Image Classification - Oracle

Classification	Confidence
Pituitary Tumor	3.19%
Meningioma Tumor	12.06%
Glioma Tumor	63.04%
No Tumor	21.71%

Four donut charts show the distribution of AI Model Confidence by Tumor type. Each chart has a '100%' label in the center. The legend indicates 'Tumor' (green) and 'No Tumor' (grey).

Image	MRI Images
Tag(10).jpg	1

AI Model Confidence by Tumor

Precision: 0.8989
Recall: 0.8771
F1 score: 0.8878
Total images: 2842
Test images: 285
Trained duration: 1.9H

Classification-dataset - Images for training: 2842

The interface also displays a grid of MRI images on the right side, with one image highlighted and labeled 'Tag(10).jpg'.

<https://blogs.oracle.com/analytics/post/start-using-oracle-analytics-and-ai-in-5-minutes>

<https://blogs.oracle.com/analytics/post/drive-innovation-with-analytics-and-ai-vision-image-classification>

🔗 Click here to add a filter

AI Document Understanding Passport Analytics

Passport Processed



Total Processed 1 **Total Invalid** 0 **Expiry Status** ■ Pass

Passport Details and Pass Status

Image Name	Size	Upload Date	Document Number	Expiry Date	Gender	Nationality	First Name	Last Name	Status
Passport-Sample-US-Ben.png	5.28 MiB	Wed, Nov 1, 2023, 15:36:54 UTC	E00007734	2030/10/14	M	USA	BENJAMIN	ARNULF	

Passport Scanned View

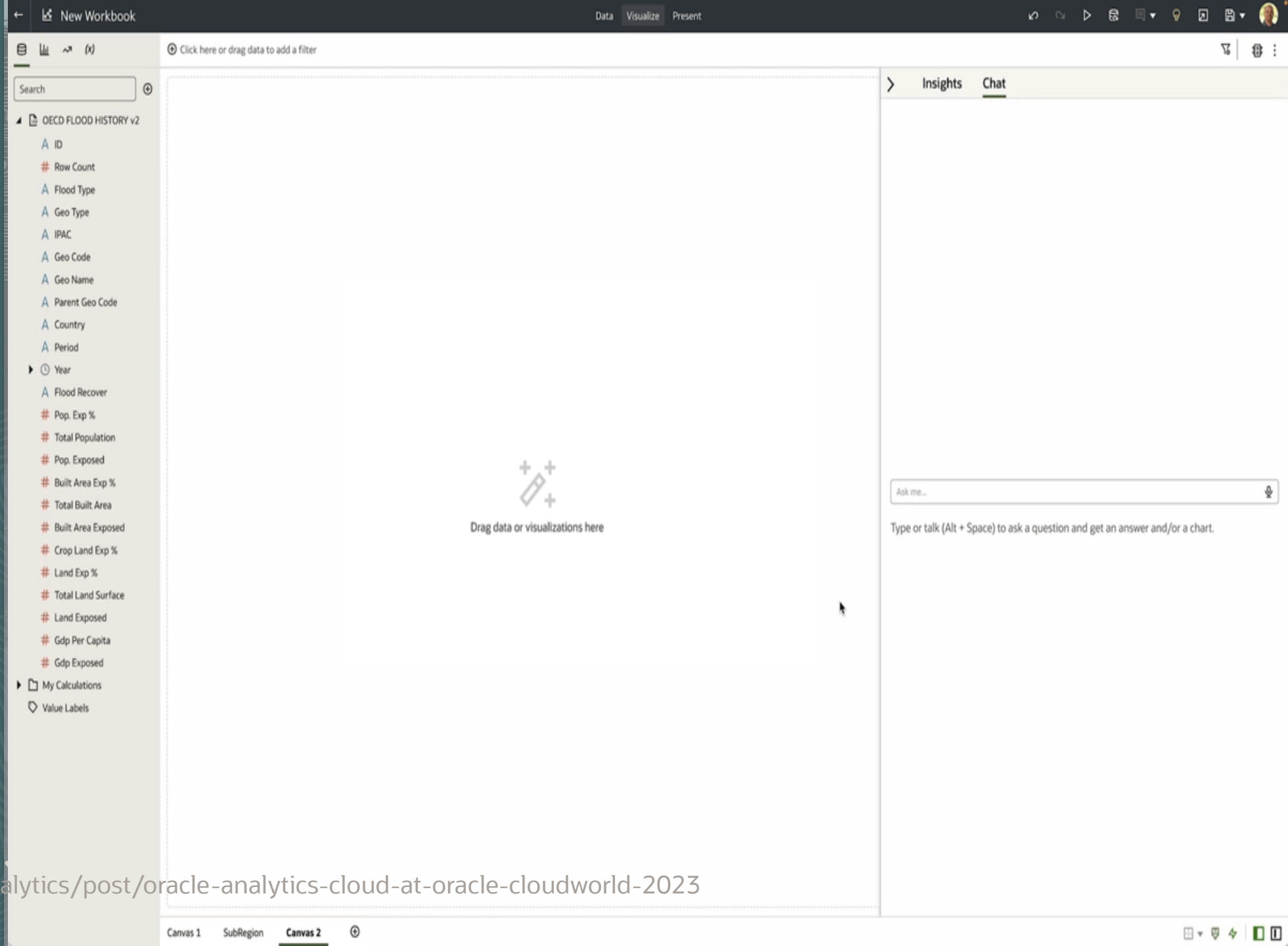


集成式
AI 功能

AI Document
Understanding

集成式 AI 功能

AI Digital Assistant



学习参考资源

What's New 产品新功能介绍

- [YouTube - Oracle Analytics](#)
- [New AI capabilities with Oracle Analytics](#)
- [Oracle Analytics Server 2023 is available](#)

如何创建语义模型

- [Web Based Semantic Modeler for Oracle Analytics](#)
- [Collaborative Development for Oracle Analytics Semantic Layers](#)
- [Building Semantic Models in Oracle Analytics Cloud](#)
- [Hand-on Lab: Create Time Series Measures in Oracle Analytics Semantic Modeler](#)

如何创建可视化分析

- [Hand-on Lab: Create Your First Visualizations in Oracle Analytics](#)
- [Hand-on Lab: Customize Auto Insights in Oracle Analytics](#)

示例库&插件库

- [Oracle Analytics Examples 分析示例库](#) [Oracle Analytics Extensions 扩展插件库](#)

Oracle生成式AI和检索 增强生成解决方案

甲骨文云与数据库公益讲座



刘群策

- Oracle资深大数据和云架构师
- 在大数据和云计算方面有着丰富的知识和经验，参与过制造，航空和汽车，金融等行业多个架构设计和数据平台建设项目。
- 拥有TOGAF，Oracle云和多项产品技术认证

内容简介

介绍Oracle在生成式AI方面的战略，OCI大语言模型相关云服务和全面的AI能力，以及如何利用检索增强方案帮助企业提升生成式AI的准确性和实时性案例和演示。



Zoom直播

直播时间: 3月1日 11:00 - 12:00

扫描二维码进入直播

Zoom ID: 957 9669 6723

密码: 20212023



微信扫一扫预约



数据库和云讲座群

20-23



甲骨文云技术公众号



技术专家1V1深入交流





谢谢