Oracle Analytics

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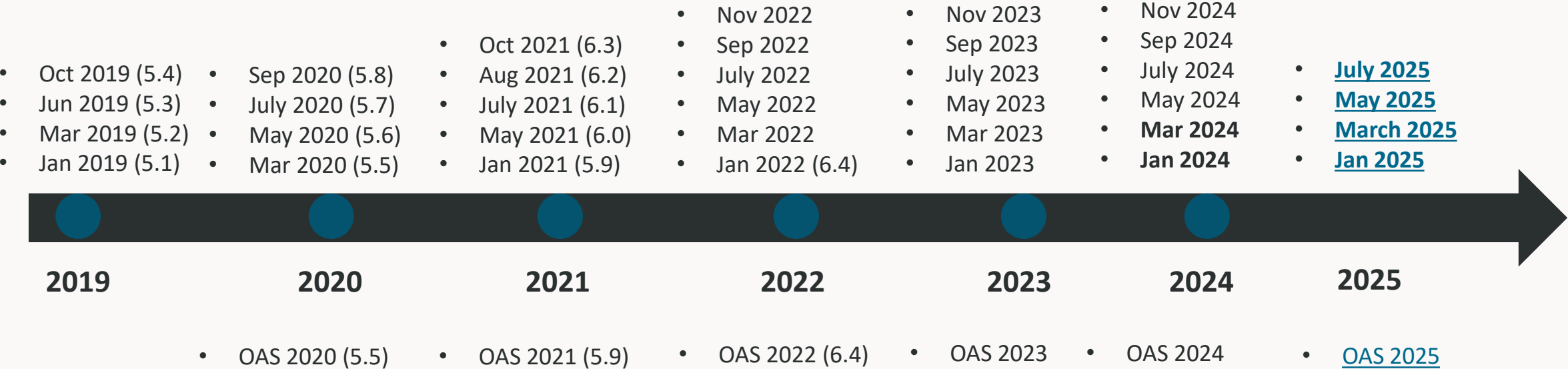jurisdictions worldwide.

Agenda

- Analytics Overview

- OAC or OAS

- Deployment and Administration

- Additional services

OA Overview

Oracle Analytics Innovation

	2019	2020	2021	2022	2023	2024	2025
				• Nov 2022	• Nov 2023	• Nov 2024	
			• Oct 2021 (6.3)	• Sep 2022	• Sep 2023	• Sep 2024	
	• Oct 2019 (5.4)	• Sep 2020 (5.8)	• Aug 2021 (6.2)	• July 2022	• July 2023	• July 2024	• **July 2025**
	• Jun 2019 (5.3)	• July 2020 (5.7)	• July 2021 (6.1)	• May 2022	• May 2023	• May 2024	• **May 2025**
	• Mar 2019 (5.2)	• May 2020 (5.6)	• May 2021 (6.0)	• Mar 2022	• Mar 2023	• **Mar 2024**	• **March 2025**
	• Jan 2019 (5.1)	• Mar 2020 (5.5)	• Jan 2021 (5.9)	• Jan 2022 (6.4)	• Jan 2023	• **Jan 2024**	• **Jan 2025**

2019   **2020**   **2021**   **2022**   **2023**   **2024**   **2025**

	OAS 2020 (5.5)	OAS 2021 (5.9)	OAS 2022 (6.4)	OAS 2023	OAS 2024	OAS 2025

* The above timeline is of the past and current releases but is not a commitment for future releases to follow this pattern.

Oracle Analytics Cloud
Product Roadmap | June 23, 2025

	Current	**Upcoming**	**Future**
Data Visualization & Experience	• New Gauge Data Visualization Type • Use Table/Pivot columns as links • Email delivery of Excel reports • Multiple saved filter states in Workbooks • Share dashboard URL with current filter state • Interactive tooltip toolbar • Conditional formatting for attributes and totals • Use selection steps in Workbooks • Home page Custom Groups • Custom label names for totals • Updated catalog experience • Reference layers and Geospatial datatypes for maps • Increase export to Excel limits • Designated mobile default layout for Workbooks • Dynamic Lines on Maps	• Home page customized pages • Admin controlled landing page • Visualization toolbar redesign • New navigation canvas control buttons • New Gantt Data Visualization Type • Actions on toolbar on selection • Resize columns in Add Data dialog listing • Support for user preferred time zone • Converting Lat/Longs to Geometries • Parameter aware Watchlist cards • Shared Filters • Set Parameter Data Action • Table/Pivot table gridlines • Table/Pivot format header labels • Table/Pivot copy single cell values	• Dataset/Subject Area saved filters • Dataset/Subject Area shared calculations • New Org Chart Data Visualization • Navigation canvas controls: Lists and menus • Workbook in App Mode • Microsoft Teams integration • Ad hoc sets – subqueries and union in workbooks. • Simplified dashboard authoring • Supporting Maps Vector Layers • Anonymous/public access workbook publishing • Hierarchy filters • Shared Data Actions
AI & Gen AI	• AI Assistant capabilities fleet wide deployment • AI Assistant Subject Areas support • AI Assistant Catalog Descriptions for Datasets • Contextual Insights • Filter Aware Auto Insights • Integration with OCI Video AI • AI enhanced home page search	• Dashboard consumer AI Assistant • AI Assistant: Support for Ad hoc calculations • AI Assistant: Settings/Synonyms Export/Import • AI Assistant: New Filter resolution/Data Synonyms • Author Contextual Insights active by default • Explain on custom calculations • Similarity analysis based on Vector AI • Additional Forecast Algorithms • GenAI powered Language Narrative visualization • Additional languages for NLG visualization	• Embeddable consumer AI Assistant • Standalone AI Assistant from the home page • AI Assistant: support for Clusters & Outliers • AI Assistant: Mobile Assistant • AI Agents: Knowledge documents • AI Assistant for Data Flows • New NLG languages • Auto Insights for Consumers • Explain for Subject Areas
Modeling & Preparation	• Extract mode for LSA and Datasets	• New Data Flow diagram experience • Datasets and Dataflows in the Catalog Folders • Subject Areas as input for Data Flows	• Dataset Semantics and presentation organization • Dataset hierarchies • Datasets as a source for Subject Areas
Connectivity	• Updated Google Analytics Connector • NetSuite connector OAuth support • Trino connector	• Change Dataset connection • ADW/ATP – Password-less authentication • POST Support for REST endpoint connector • Snowflake key-pair authentication	• OpenSearch connector • Semantic Modeler support for Analytics Views • Lineage integration with Data Catalog • Catalog integration with Data Catalog • Trino mTLS connections
Admin	• OAuth support for email configuration • Increased data size limits for pixel-perfect reports • Improved experience for managing users and roles • Updated Console experience	• Easily manage snapshots in Oracle Cloud storage	• Option for IP address in audit logs • Finer grain snapshot options • Scheduler job windows

Oracle Analytics Cloud
Product Roadmap | June 23, 2025

Current

Description

Data Visualization & Experience

Current	Description	Doc	Blog	Video
• New Gauge Data Visualization Type	• Visualize Key Performance Indicators (KPIs) with a gauge chart for clear metric tracking.	Doc	Blog	Video
• Use Table/Pivot columns as links	• Enable single click data action on tables/pivots columns.	Doc	Blog	Video
• Email delivery of Excel reports	• Schedule Excel exports via email for easy access and distribution.	Doc	Blog	Video
• Multiple saved filter states in Workbooks	• Save different Workbook filter states and easily switch between saved data states.	Doc	Blog	Video
• Share dashboard URL with current filter state	• Share workbook URLs with the current filter state to allow for better collaboration.	Doc	Blog	Video
• Interactive tooltip toolbar	• Easily accessible toolbar on top of the tooltip for easier access to actions related to the selected data.	Doc	Blog	Video
• Conditional formatting for attributes and totals	• Create and apply conditional formatting attributes rules for data, totals, sub-totals in table, pivot.	Doc	Blog	Video
• Use selection steps in Workbooks	• Simplify hierarchy column member selection using selection steps.	Doc	Blog	Video
• Home page Custom Groups	• Create and share custom mixed content groups for better content organizations.	Doc	Blog	Video
• Custom label names for totals	• Label table/pivot totals with a custom name to provide more meaningful analytics.	Doc	Blog	Video
• Updated catalog experience	• Improved catalog interface for easier data exploration and management.	Doc	Blog	Video
• Reference layers and Geospatial datatypes for maps	• Natively supports geometry datatypes, performs spatial calculations and displays static reference layers.	Doc	Blog	Video
• Increase export to Excel limits	• Raise the limit on data exports to Excel (up to 100k based on instance shape).	Doc	Blog	Video
• Designated mobile default layout for Workbooks	• Optimize layout and design for mobile device usability by pre-setting how Workbooks will be opened and viewed.	Doc	Blog	Video
• Dynamic Lines on Maps	• Visualize dynamic, adjustable lines on maps to represent real-time data flows or trends.	Doc	Blog	Video

AI & Gen AI

Current	Description	Doc	Blog	Video
• AI Assistant capabilities fleet wide deployment	• Complete the full deployment of AI Assistant powered features across the entire OAC fleet for all customers.	Doc	Blog	Video
• AI Assistant Subject Areas support	• Subject Areas support for the AI Assistant.	Doc	Blog	Video
• AI Assistant Catalog Descriptions for Datasets	• Use the AI Assistant to generate dataset descriptions to enable users to search for datasets more easily understand their content.	Doc	Blog	Video
• Contextual Insights	• Allow users to analyze a specific data selection in a visualization to get more insights about the data.	Doc	Blog	Video
• Filter Aware Auto Insights	• Refresh the Auto Insights pane after adding or updating a filter to see targeted insights for the filtered data.	Doc	Blog	Video
• Integration with OCI Video AI	• Detect labels, objects, text, and faces, in videos using OCI Vision AI. Use data flows to apply OCI Vision models to analyze your video content.	Doc	Blog	Video
• AI enhanced home page search	• Enhanced Home page search by using the AI Assistant for smarter and more expressive Natural Language content search.	Doc	Blog	Video

Modeling & Preparation

Current	Description	Doc	Blog	Video
• Extract mode for LSA and Datasets	• Easily create cached datasets bases on Subject Areas.	Doc	Blog	Video

Connectivity

Current	Description	Doc	Blog	Video
• Updated Google Analytics Connector	• Analyze historic data from Google Analytics.	Doc	Blog	Video
• NetSuite connector OAuth support	• Connect to NetSuite with OAuth.	Doc	Blog	Video
• Trino connector	• Connect to remote Trino data sources using Data Gateway.	Doc	Blog	Video

Admin

Current	Description	Doc	Blog	Video
• OAuth support for email configuration	• Use OAuth2 authentication (Client Credentials Flow) to connect to a mail server offered by Microsoft Exchange Online (part of Microsoft 365).	Doc	Blog	Video
• Increased data size limits for pixel-perfect reports	• Increase to the maximum data size when you generate online pixel-perfect reports for large instances.	Doc	Blog	Video
• Improved experience for managing users and roles	• Easier to manage what users can see and do through the new look Roles and Permissions pages.	Doc	Blog	Video
• Updated Console experience	• New console experience with faster UI/UX, new tiles and search.	Doc	Blog	Video

Oracle Analytics Cloud
Product Roadmap | June 23, 2025

Upcoming

Data Visualization & Experience
- Home page customized pages
- Admin controlled landing page
- Visualization toolbar redesign
- New navigation canvas control buttons
- New Gantt Data Visualization Type
- Actions on toolbar on selection
- Resize columns in Add Data dialog listing
- Support for user preferred time zone
- Converting Lat/Longs to Geometries
- Parameter aware Watchlist cards
- Shared Filters
- Set Parameter Data Action
- Table/Pivot table gridlines
- Table/Pivot format header labels
- Table/Pivot copy single cell values

AI & Gen AI
- Dashboard consumer AI Assistant
- AI Assistant: Support for Ad hoc calculations
- AI Assistant: Settings/Synonyms Export/Import
- AI Assistant: New Filter resolution/Data Synonyms
- Author Contextual Insights active by default
- Explain on custom calculations
- Similarity analysis based on Vector AI
- Additional Forecast Algorithms
- GenAI powered Language Narrative visualization
- Additional languages for NLG visualization

Modeling & Preparation
- New Data Flow diagram experience
- Datasets and Dataflows in the Catalog Folders
- Subject Areas as input for Data Flows

Connectivity
- Change Dataset connection
- ADW/ATP – Password-less authentication
- POST Support for REST endpoint connector
- Snowflake key-pair authentication

Admin
- Easily manage snapshots in Oracle Cloud storage

Description

- Create and share custom land pages with curated content for targeted audience groups.
- Allow admins to control which landing page different users/role will land on upon initial login.
- Streamlined and improved toolbar interface for easier access to visualization actions.
- Implement customizable buttons for streamlined navigation across dashboards and reports.
- Visualize project timelines and task progress with an interactive Gantt chart.
- Enables contextual actions on the selected data tooltip toolbar, improving workflow efficiency and faster actions.
- Allows users to quickly resize columns in the Add Data dialog, improving data visibility and usability.
- Enables support for user-preferred time zones, allowing personalized time displays in workbooks.
- Enables conversion of latitude/longitude data to geometry types, improving spatial analysis and mapping.
- Watchlist card with parameter definition will recreate the parameter upon being brought into Canvases.
- Save filters to dataset/Subject Area and reuse across multiple Workbooks.
- Pass context of selected data point to selective visualization on the canvas.
- Add gridlines to tables/pivots for improved readability and organization.
- Customize and format header labels different than header data cells for clearer, more intuitive table/pivot views.
- Copy values from individual cells in tables/pivots for easier data manipulation.

- Author ability to enable and customize the AI Assistant for workbook consumers.
- AI Assistant will create calculations when additional metrics are needed to answer natural language queries.
- Import and export synonyms for the AI Assistant to enable bulk changes and life cycle management.
- Improved filter resolution with synonyms.
- Contextual Insights to be always enabled for Workbook authors.
- Extend Explain to support custom calculations created in the workbook.
- Utilize Oracle 23ai vector store directly from Data Flows to vectorize data for similarity analysis.
- Adds new forecast algorithms, including Prophet and others, to improve predictive analytics and forecasting accuracy.
- Transition the NLG visualization to utilize the AI Assistant Gen AI engine.
- Expands support for additional languages in next-generation (NG) visualizations, enhancing global usability.

- New icons and a new default compact layout option for Data Flows.
- Datasets, Data Flows, Sequences, and other artifacts managed and organized in a single catalog with Workbooks, Dashboards, and Analysis.
- Support for Subject Areas in the Add Data step for Data Flows, enable users to start their transformation directly from the Subject Area.

- Enable dataset authors to change the connection or schema for dataset tables.
- Enables secure password-less authentication for ADW/ATP, improving security and user experience.
- Enables POST support for REST endpoint connector, allowing write operations via REST APIs.
- Support for Snowflake key-pair authentication.

- Enables easy management of snapshots in Oracle Cloud storage using a new interface.

Oracle Named a LEADER in the 2025 Gartner® Magic Quadrant™ for Analytics and Business Intelligence Platforms

Oracle has been named a Leader in the 2025 **Gartner® Magic Quadrant™** for Analytics and Business Intelligence Platforms
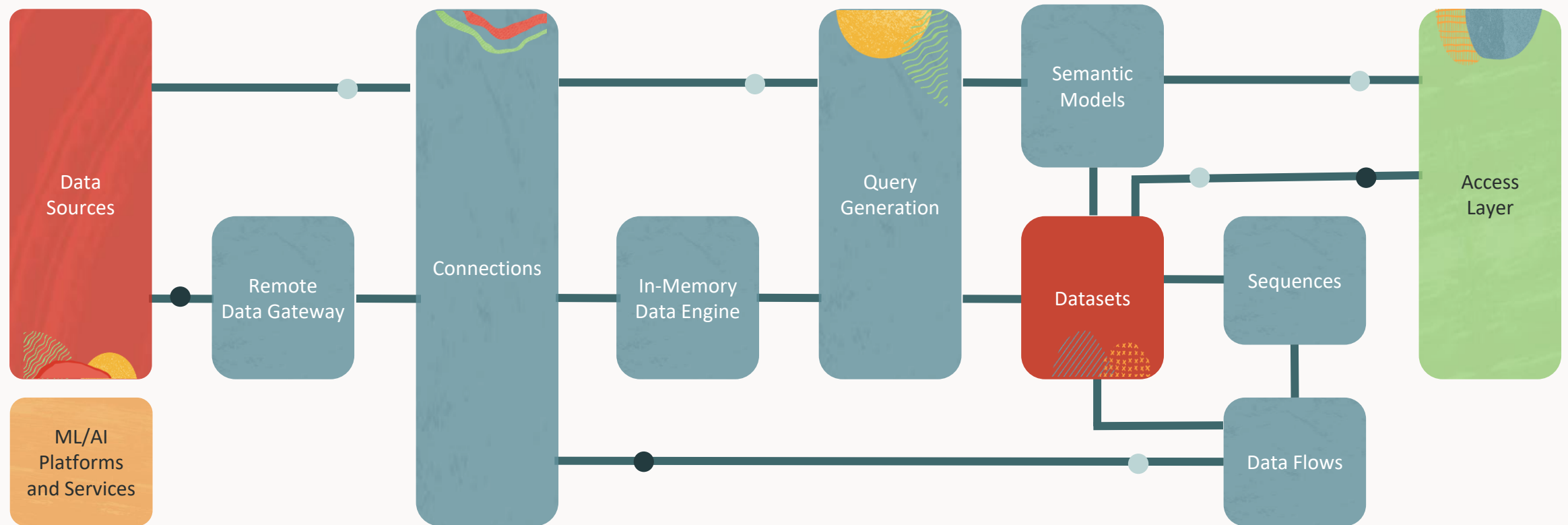
For the second year in a row, Oracle was recognized for its Ability to Execute and Completeness of Vision

Figure 1: Magic Quadrant for Analytics and Business Intelligence Platforms

[Reference URL](#)

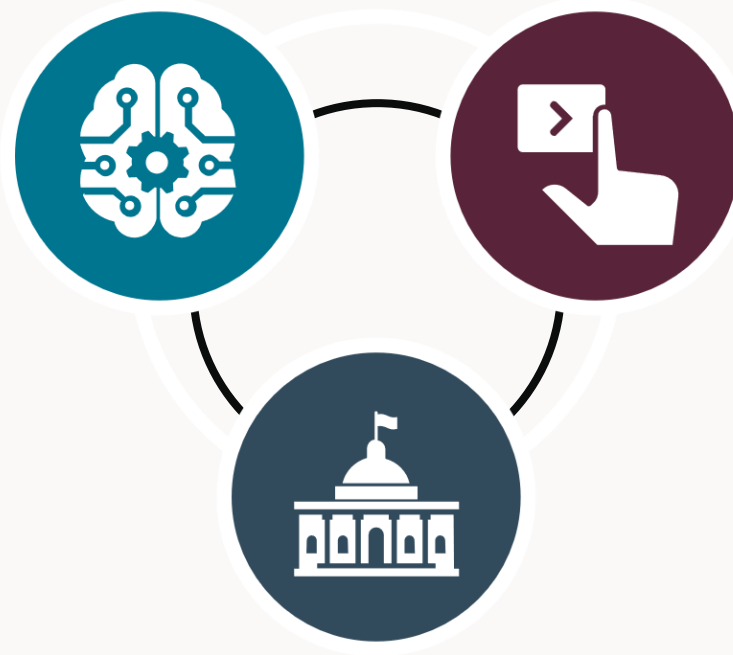# Introduction - Analytics Data Platform

Comprehensive **Data Virtualization** and **Data Preparation** platform enabling **Data Analysts** and **IT professionals** to create high-performance business-facing models and semantics on top of **Heterogeneous Data Sources** and AI/ML assets

Analytics – Three Categories

AUGMENTED ANALYTICS

Power deeper insights by embedding ML and AI into every aspect of the analytics process

SELF-SERVICE ANALYTICS

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

GOVERNED ANALYTICS

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

OAC or OAS

Governed Analytics Feature Comparison

	Oracle Analytics Cloud	Oracle Analytics Server
Corporate analytics dashboards	Yes	Yes
Pixel-perfect reports	Yes	Yes
Enterprise semantic models	Yes	Yes
Role-based access control	Yes	Yes
Data replication	Yes	No

Self Service Feature Comparison

	Oracle Analytics Cloud	Oracle Analytics Server
Data preparation	Yes	Yes
Data visualization	Yes	Yes
Storytelling	Yes	Yes
Sharing and collaboration	Yes	Yes
Mobile exploration	Yes	Yes*

*Mobile Web only

Augmented Analytics Feature Comparison

	Oracle Analytics Cloud	Oracle Analytics Server
Natural language and voice-activated search	Yes	Yes
Natural language generation	Yes	No
Data enrichment	Yes	Yes
One click "Explain"	Yes	Yes
Machine learning for predictive analytics	Yes	Yes
Analytics Assistant*	Yes	No

*Analytics Assistant License included in OAC.

Database Connectivity and AI Services Comparison

	OAC + ADW	OAS + Oracle DB (On-Prem)
AutoML	Yes	Yes
OML of Database	Yes	Yes
OCI AI Services	Yes	Yes*

* Usually available with a lag, when compared to OAC.

Deployment

Deployment and Administration Feature Comparison

	Oracle Analytics Cloud	Oracle Analytics Server
Hosting	Oracle Managed	Customer Managed
Update(s) / New Releases	Once every 2 months*	Once in a Calendar Year*
Applying Update(s) / New Releases	Automatic	Manual
Mail Server Configuration	Console in DV	Mail server configuration using FMW Control.
Scaling	Easily Done from OCI Cloud Console	Manual Installations and Configurations.

* Not a commitment, but inferred from the past release/update cycles

Additional services requiring a license (optional)

Following services can be used in Conjunction with OAC to amplify the breadth of ML and AI usecases that an organization can deploy:

- ADW – AutoML; Spatial&Graph
- AI Services (eg: Document Understanding, Vision, Language)

Please they do not hinder your use of Out of the box OAC but they provide more features.

* Not a commitment, but inferred from the past release/update cycles

Thank You