

March 2021 Release Announcement

Oracle Analytics Server 5.9 Release



Oracle Analytics Server

Oracle Analytics Server (OAS) provides customers with a compelling, complete modern analytics platform for on-premises environments, offering a self-managed option that can be administered in your environment or on any infrastructure of your choice. OAS delivers the same value as Oracle's strategic cloud platform, Oracle Analytics Cloud (OAC), with annual uptake of OAC capabilities to provide near functional parity. With a simple, fast upgrade for existing Oracle Business Intelligence (OBI) customers and a streamlined migration path to the cloud, OAS provides organizations with modernization options that fit their pace.

March 2021 Release Highlights

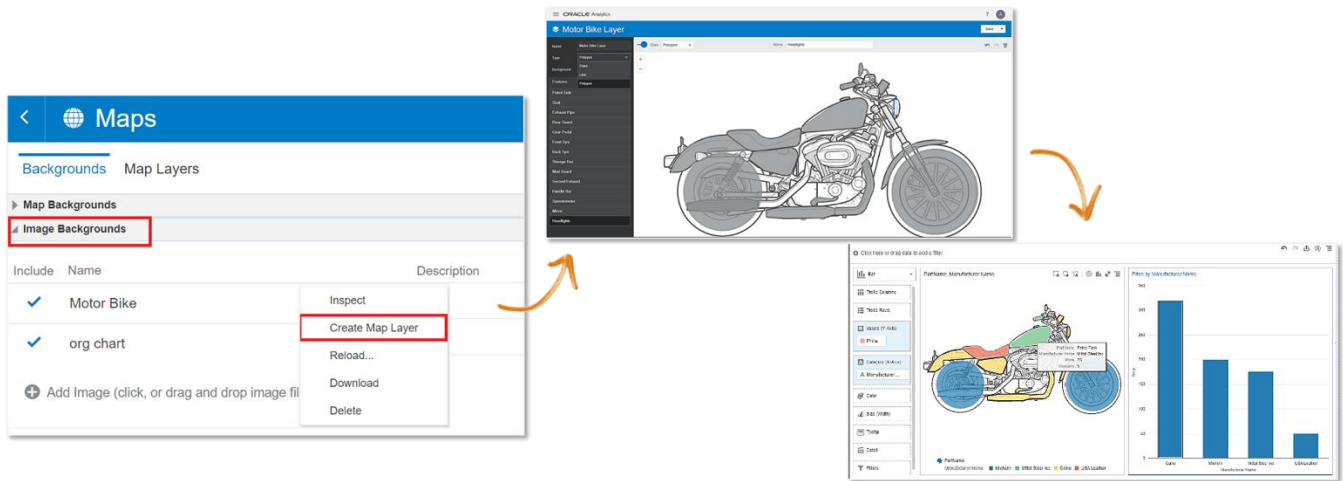
The annual release of Oracle Analytics Server (OAS) 5.9 delivers a wealth of new features including Oracle Machine Learning capabilities, new data visualizations, and enhanced self-service data preparation.

Below are just a few highlights. For more details about what's included, please see the documentation for capabilities released in [OAC 5.6, 5.7, 5.8, and 5.9](#).

Data Visualizations

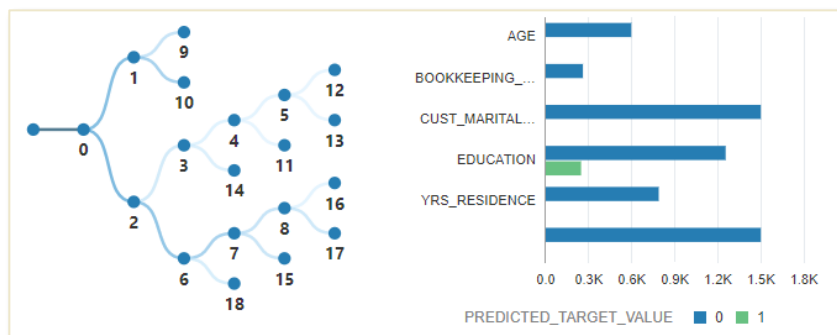
As with each release, there is a focus on user experience and enabling increased analytical power. Users gain both new visualizations types and increased single click capabilities that introduce faster insights. There are now even more controls for content developers to customize and share their reports with confidence and be more efficient while doing so.

An exciting new feature is the image background layer that supports importing any image, drawing shapes over the image, and associating each shape to data elements for data driven visualization of your data that is fully interactive with other data sources.



Machine Learning & Database Advanced Analytics

For customers leveraging Oracle DB or Autonomous Data Warehouse (ADW), you will see new capabilities to register machine learning models in OAS that can be run on your OAS datasets or database. Functions such as Un-pivot, Sampling, Dynamic Clustering, Dynamic Prediction, Frequent Item-sets (Market Basket Analysis), and Text Tokenization are now available through a no-code interface. Additionally, users can see their machine learning models explained, getting full details from database models in the Oracle Analytics inspectors. These provide row-by-row insights of what influenced the prediction output, giving a new level of transparency and simplifying interpreting machine learning output.



EMPLOYEEID	PREDICTION	CTIONPROBAI	ATTRIBUTE_1	CONDITION_1	WEIGHT_1	ATTRIBUTE_2	CONDITION_2	WEIGHT_2	ATTRIBUTE_3	CONDITION_3	WEIGHT_3
1	No	84.48%	OVERTIME	: Value = Yes	0.28	MARITALSTATUS	: Value = Single	0.22	STOCKOPTIONLEVEL	: Value = 0	0.20
2	No	99.60%	STOCKOPTIONLEVEL	: Value = 1	0.12	OVERTIME	: Value = No	0.10	JOBLEVEL	: Value = 2	0.09
4	Yes	98.74%	YEARSWITHCURRMANAGER	: Value = 0	1.09	YEARSINCURRENTROLE	: Value = 0	1.01	YEARSATCOMPANY	: Value = 0	1.00
5	No	62.01%	YEARSWITHCURRMANAGER	: Value = 0	0.36	OVERTIME	: Value = Yes	0.28	STOCKOPTIONLEVEL	: Value = 0	0.20
7	No	96.15%	YEARSATCOMPANY	: Value = 2	0.31	JOBLEVEL	: Value = 1	0.16	STOCKOPTIONLEVEL	: Value = 1	0.12
8	No	88.48%	MARITALSTATUS	: Value = Single	0.22	STOCKOPTIONLEVEL	: Value = 0	0.20	JOBLEVEL	: Value = 1	0.16
10	Yes	86.76%	YEARSWITHCURRMANAGER	: Value = 0	1.09	YEARSINCURRENTROLE	: Value = 0	1.01	YEARSATCOMPANY	: Value = 1	1.00
11	Yes	90.30%	TOTALWORKINGYEARS	: Value = 1	1.50	YEARSWITHCURRMANAGER	: Value = 0	1.09	YEARSINCURRENTROLE	: Value = 0	1.01
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14	No	96.33%	MONTHLYINCOME	: Value = 2426	0.30	JOBLEVEL	: Value = 1	0.16	STOCKOPTIONLEVEL	: Value = 1	0.12

Resources

1. [Oracle Analytics Server on Oracle.com](#)
2. [What's New in Oracle Analytics Server](#) (documentation)
3. [Oracle Analytics Cloud and Server public roadmap](#)
4. Oracle Analytics events on [Oracle.com](#) and [Cloud Customer Connect](#)
5. [OAS Tech Talk](#)
6. Submit product ideas at the [Oracle Analytics Idea Lab](#)