

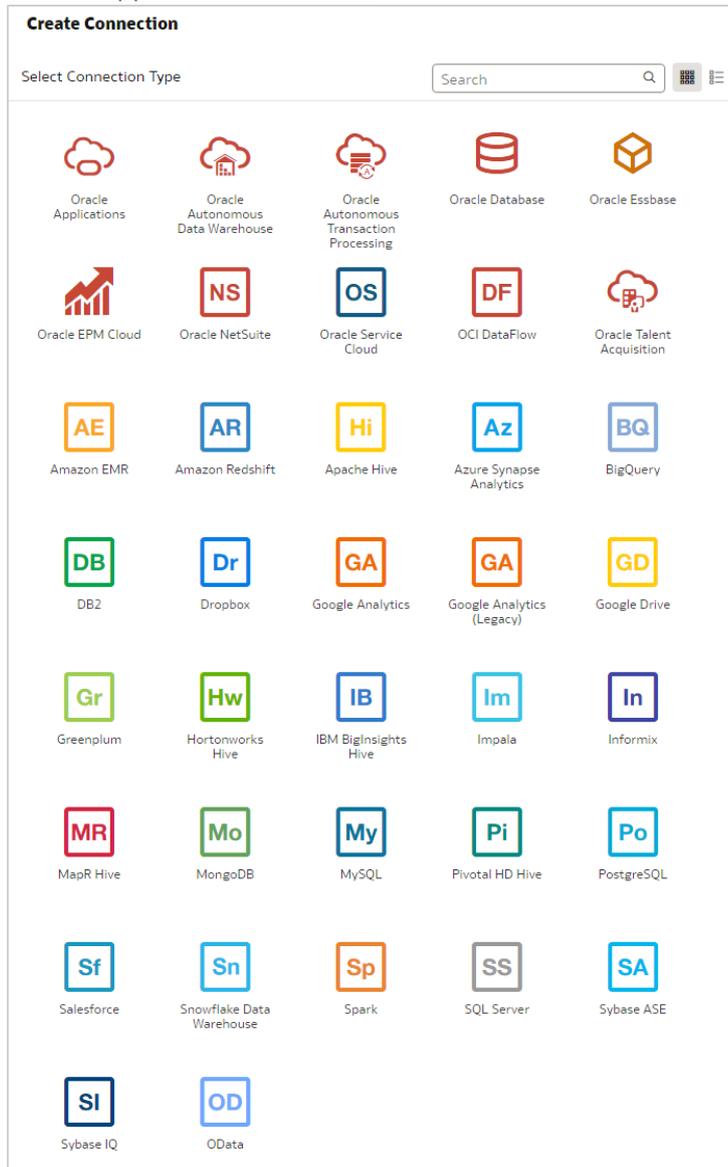
Connect

Oracle Analytics connects to many data sources, both Oracle and non-Oracle, including other cloud providers (e.g., Azure and Google), social feeds, IoT sources, data lakes, and more. Connected data sources can include cloud, on-premises, or self-service data sets. Use self-service to blend third party or personal sources for a complete business view.

Native connectors

Get started quickly with thirty-seven out of the box, native connectors, including [Oracle Autonomous Database](#), [Oracle EPM](#), Google Big Query, Salesforce, Amazon Redshift, Azure Synapse and Snowflake. In addition, connect to any Java Database Connectivity-based (JDBC) data source.

[See all supported data sources](#)



Oracle Analytics platform Capabilities Explorer



“We have a situation where our users can do their own analytics. And Oracle Analytics provides that capability”

Conny Björling
Head of Enterprise Architecture
Skanska

Related solutions

- [Fusion Analytics Warehouse](#)
- [Autonomous Data Warehouse](#)
- [Machine Learning](#)

Direct query and caching

The Oracle Analytics platform provides both direct query and caching options. Direct query enables data to be ingested into the analytics layer directly from the data source itself at query time. Choose a custom balance between direct query and caching depending on the analytics use case. Analytics queries are automatically optimized for each data source for best performance. Oracle Analytics does not require any third party or proprietary data store to be preloaded with data before users' analytics activities can begin.

Direct query is an essential need as identified by [Gartner in their Critical Capabilities report 2021](#). This ensures the most accurate representation of the data in the visualization layer but can potentially place a lot of analytics compute load on the data source systems.

Frequently accessed data sets can be optionally cached by Oracle Analytics to boost performance and reduce the analytics workloads on the source systems. Caching analytics data sets also helps to reduce data source processing loads.

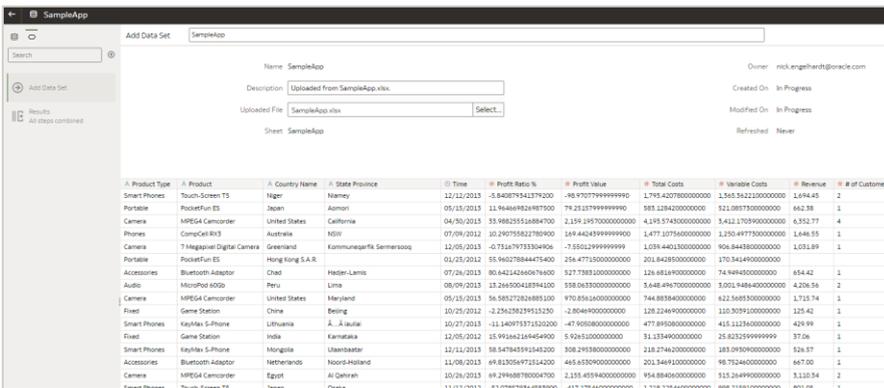
[Read more about OAC's in-memory capabilities](#)

[Learn more about OAC caching](#)

[Learn more about OAS performance tuning](#)

Local and third-party datasets

Upload local or personal datasets such as spreadsheets and comma separated value (CSV) files. Analyze these datasets alone or combine with any connector-based data source or governed enterprise data model.



Product Type	Product	Country Name	State Province	Time	Profit Ratio %	Profit Value	Total Costs	Variable Costs	Revenue	# of Customers
Smart Phones	Touch-Screen T5	Niger	Namery	12/12/2013	-8.840879541379200	-98.97077999999999	1.795.4207800000000	1.565.5622100000000	1.694.45	2
Portables	PocketFun ES	Japan	Zamora	05/15/2013	11.944886824987500	79.21219999999999	985.1264200000000	921.8879000000000	662.38	1
Camera	MRE54 Camcorder	United States	California	04/30/2013	35.98825516884700	2.158.1957000000000	4.193.5743000000000	5.412.1705900000000	4.552.77	4
Phones	Compaq R13	Australia	NSW	07/05/2013	10.290755822789900	169.46424999999999	1.477.1075600000000	1.250.4977300000000	1.646.55	1
Camera	7 MegaPixel Digital Camera	Greenland	Kommuneqarfi Sermersooq	12/05/2013	-0.73167973334960s	-7.550129999999999	1.039.4401300000000	906.8445800000000	1.031.89	1
Portables	PocketFun ES	Hong Kong S.A.R.		01/23/2012	55.960278844475400	256.47713500000000	201.8428500000000	170.3444900000000		
Accessories	Bluetooth Adaptor	Chad	Hadiji-Lamti	07/26/2013	80.044212166079600	527.7988100000000	126.8618900000000	74.9844000000000	654.42	1
Audio	MicroHD HD0	Peru	Lima	08/09/2013	13.264504183794100	558.0437000000000	3.468.4947000000000	5.003.9484400000000	4.208.56	2
Camera	MRE54 Camcorder	United States	Maryland	05/15/2013	56.985278284885100	970.8561400000000	744.8838400000000	622.5688300000000	1.715.74	1
Game Station	Game Station	China	Beijing	10/25/2012	-2.236282395151250	-2.806490000000000	128.2244900000000	110.3059100000000	125.42	1
Smart Phones	KayNix S-Phone	Lithuania	Ä. Ä.aulia	10/27/2013	-11.140979371320200	-47.80588000000000	477.8958800000000	415.1123400000000	429.99	1
Smart Phones	Game Station	India	Karnataka	12/05/2012	25.901621246464900	5.826530000000000	51.1254900000000	25.8252999999999	37.76	1
Smart Phones	KayNix S-Phone	Sierra Leone	Libertastown	12/12/2013	58.547364351545200	308.2953800000000	218.2764200000000	183.2979000000000	524.57	1
Accessories	Bluetooth Adaptor	Netherlands	Noord-Holland	11/08/2013	69.8132056971514200	465.6530900000000	203.5469100000000	98.7524600000000	647.00	1
Camera	MRE54 Camcorder	Egypt	Al Qahirah	10/28/2013	69.2946887800047400	2.155.4539400000000	954.8843600000000	515.2649900000000	3.110.54	2
Smart Phones	Touch-Screen T5	Iran	Qazvin	11/13/2013	-63.078875648589800	-417.17846000000000	1.718.3256600000000	688.3158100000000	801.26	1

CSV upload data preview

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