ML/Al meet Oracle Analytics

Workshop, 16. 10. 2025

Žiga Vaupot 🛖







Out-of-the-box



Machine Learning Process

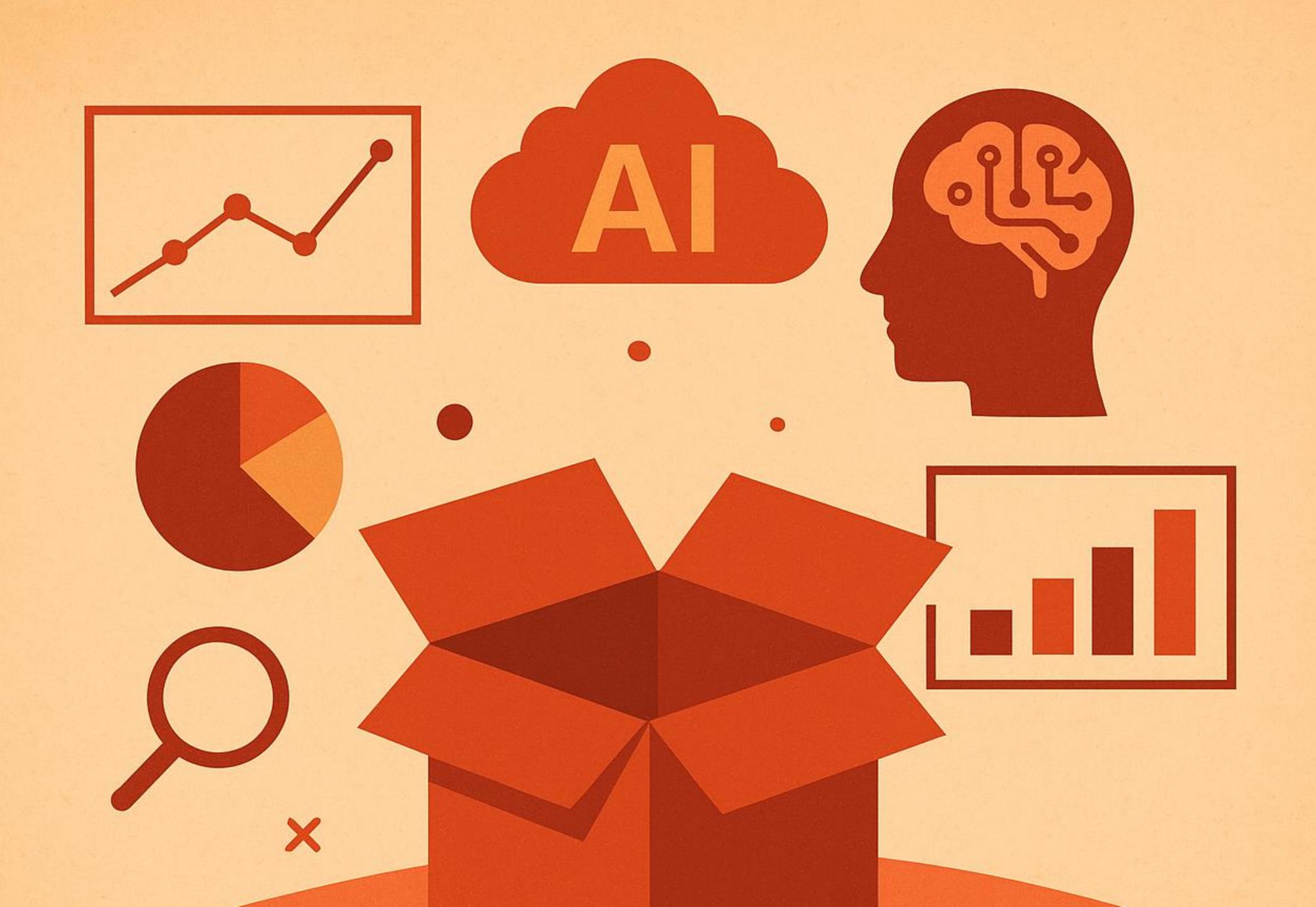


Generative Al

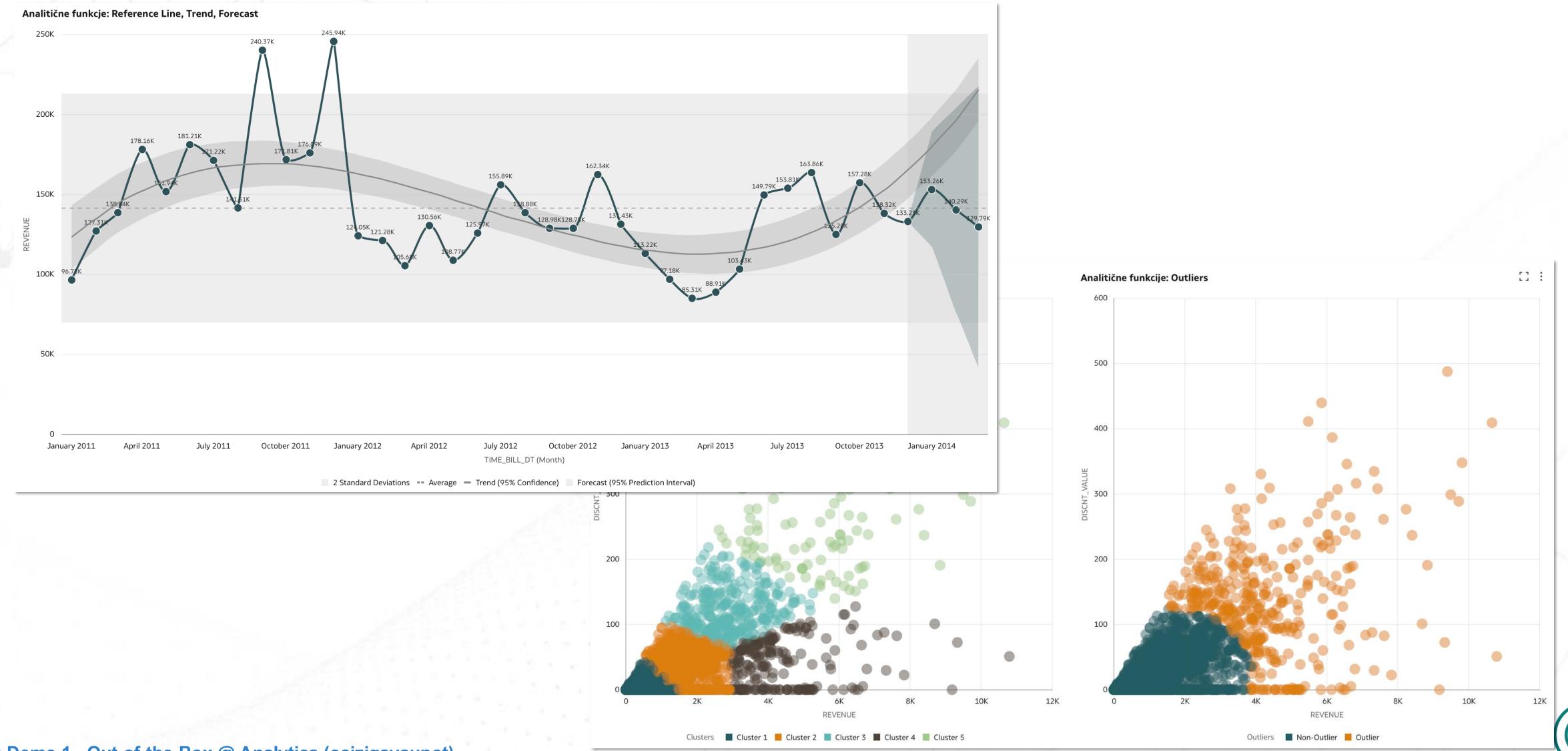


Video Analysis

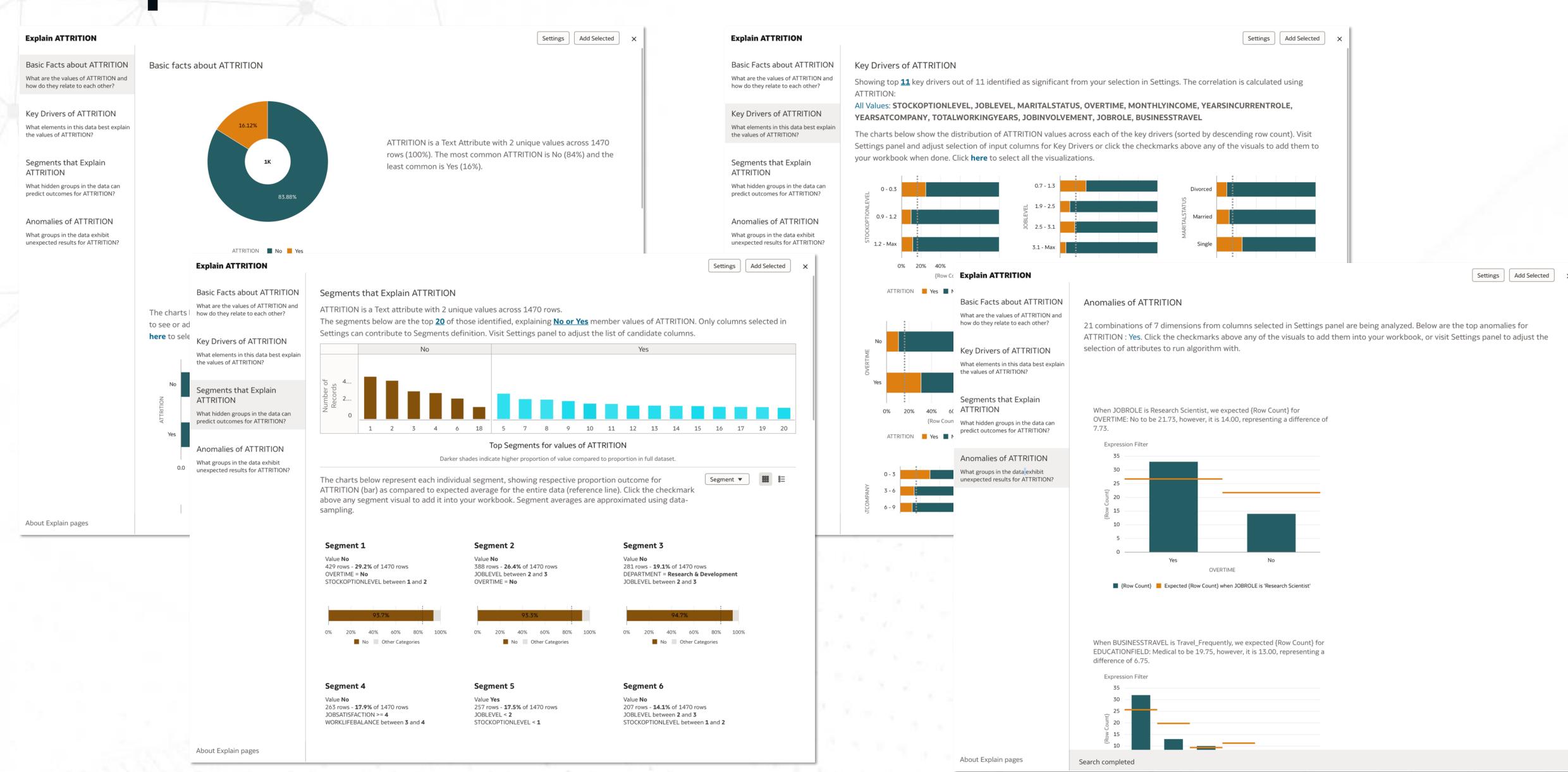




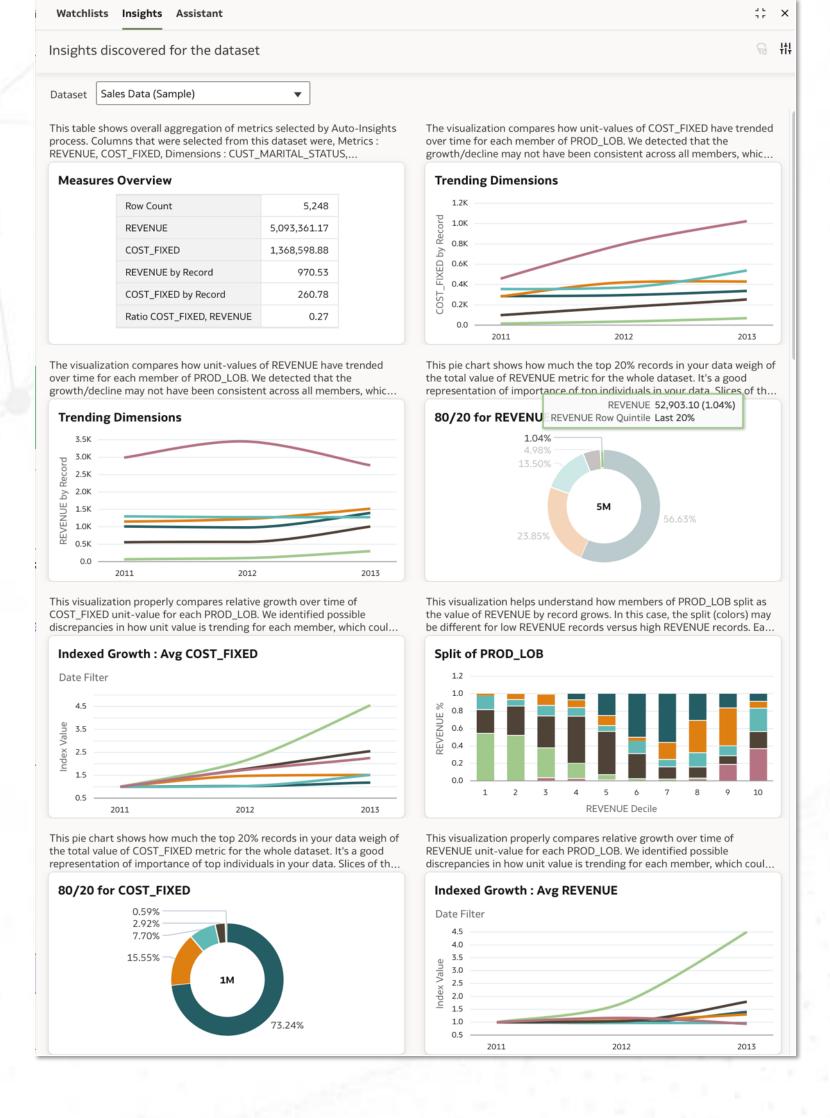
Out-of-the-Box Analytics Functions

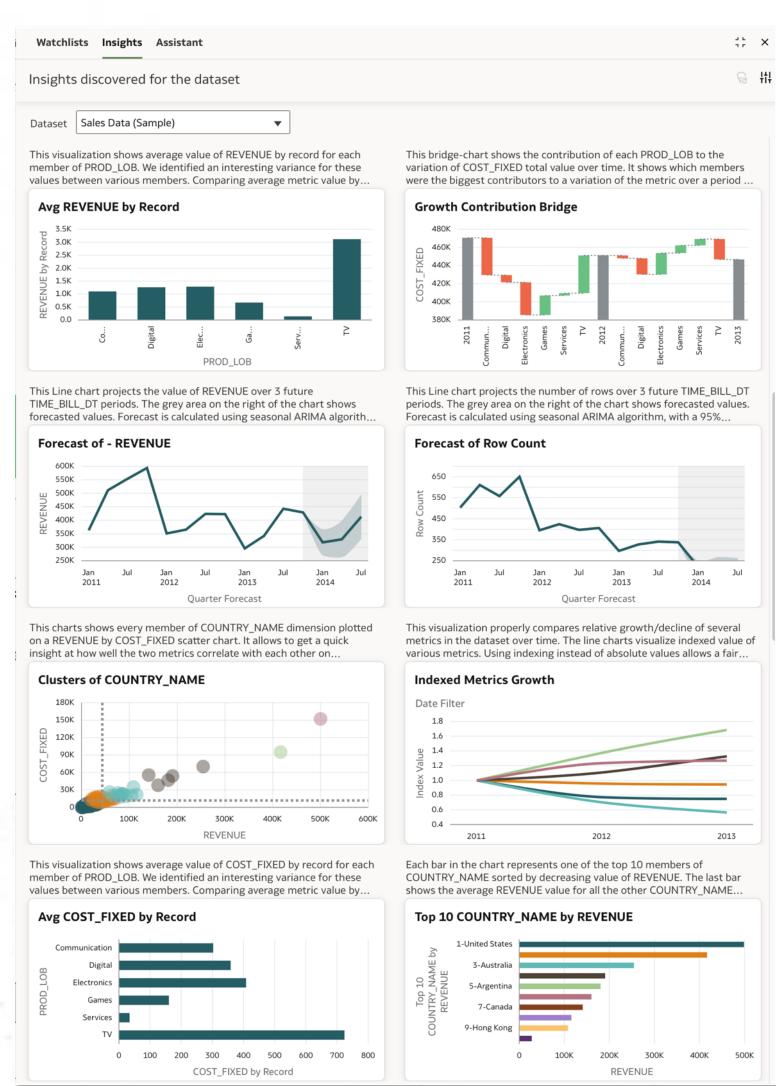


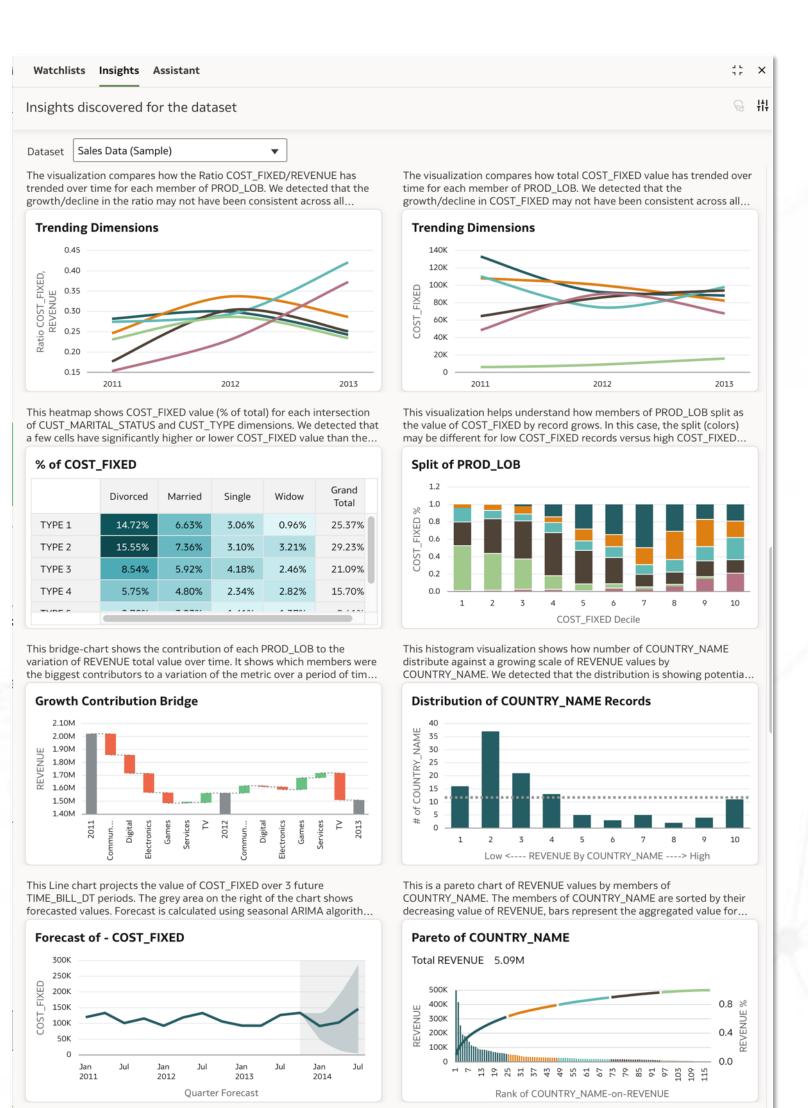
Explain



AutoInsights

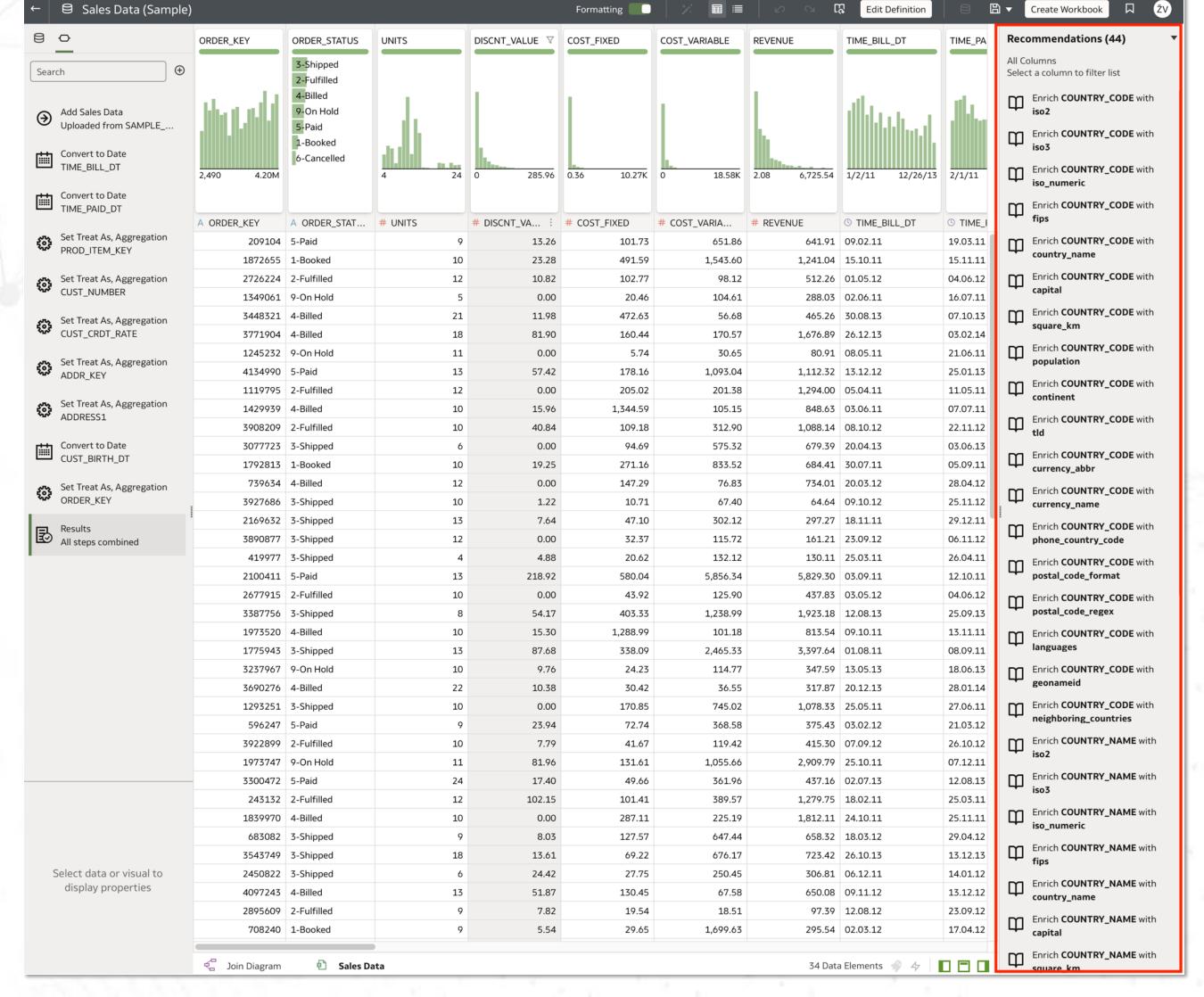


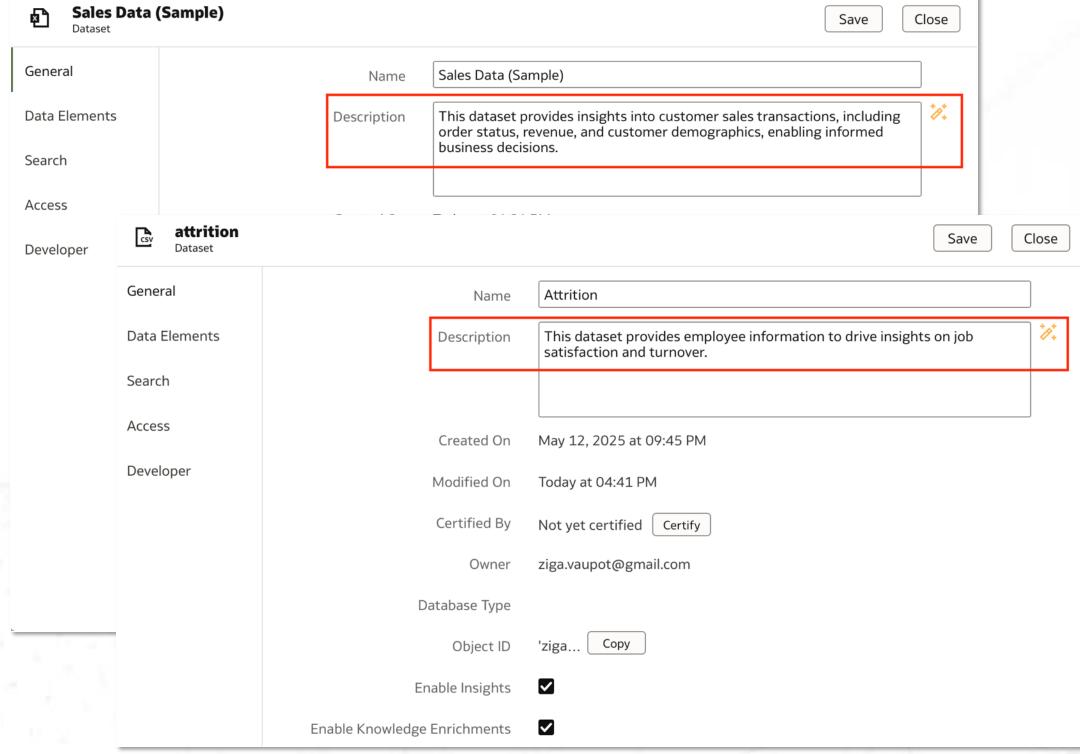






Data Enrichment and Description Auto-Generation

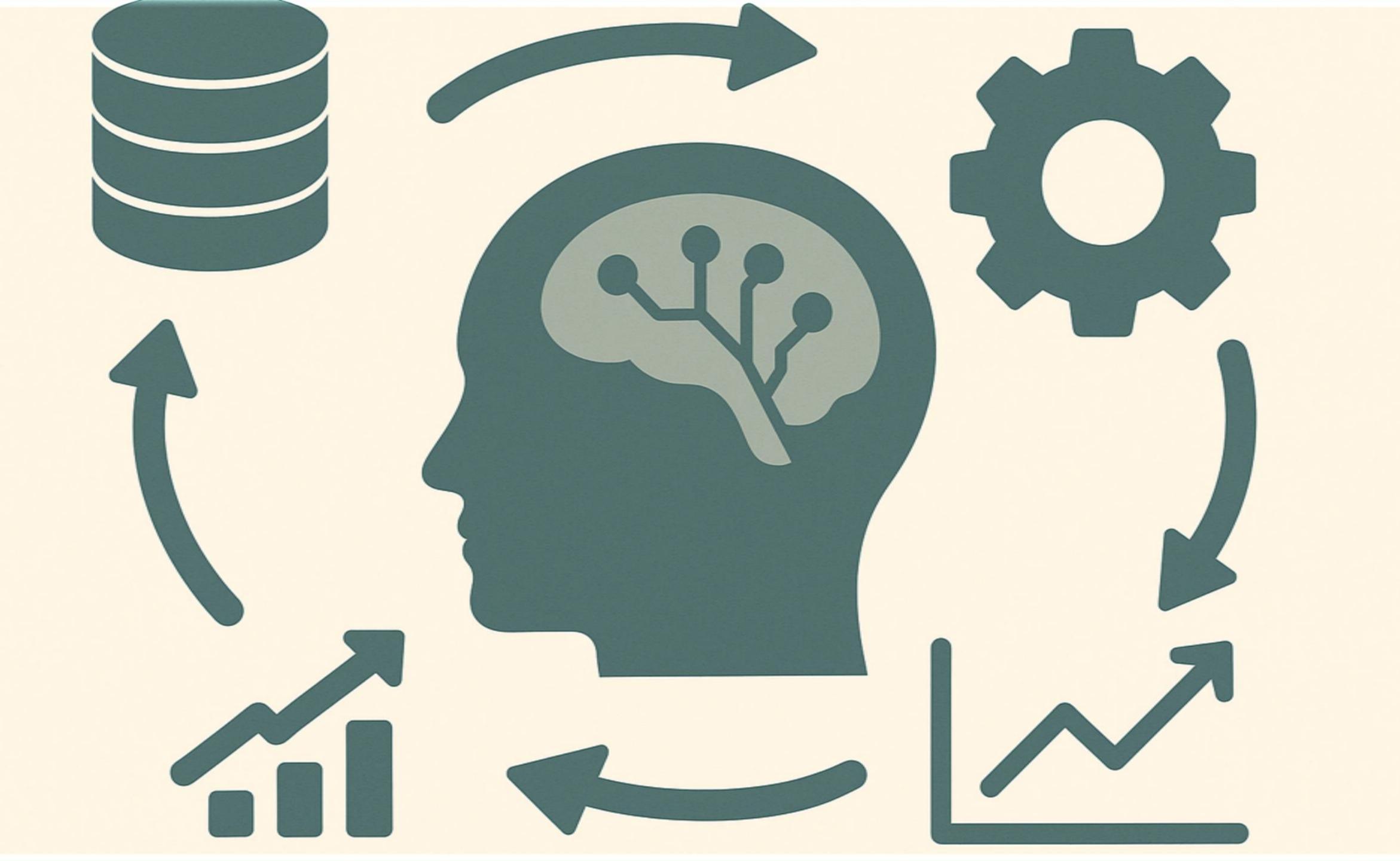






Out-of-the-Box Forecasting with Prophet



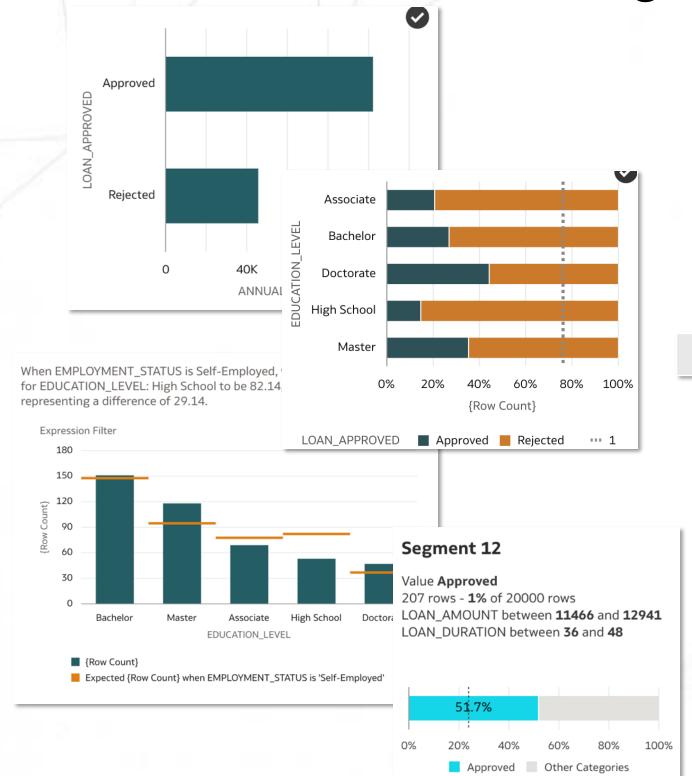


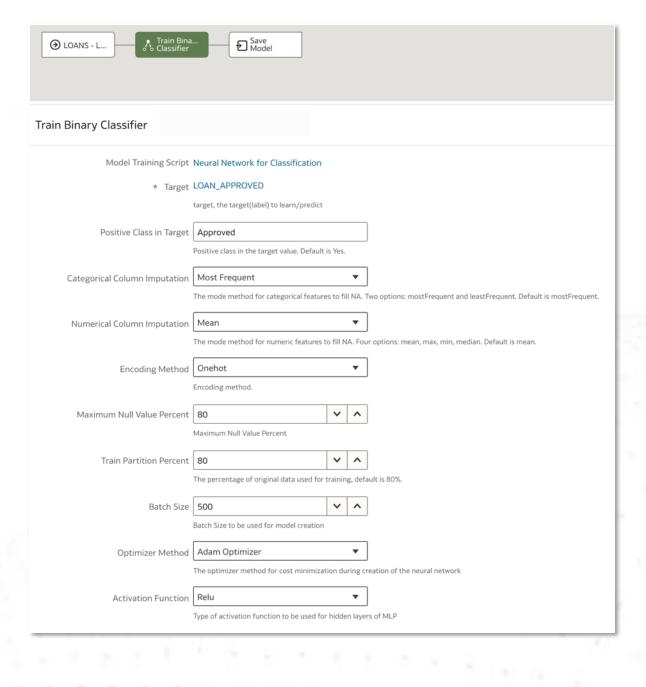
Available Options

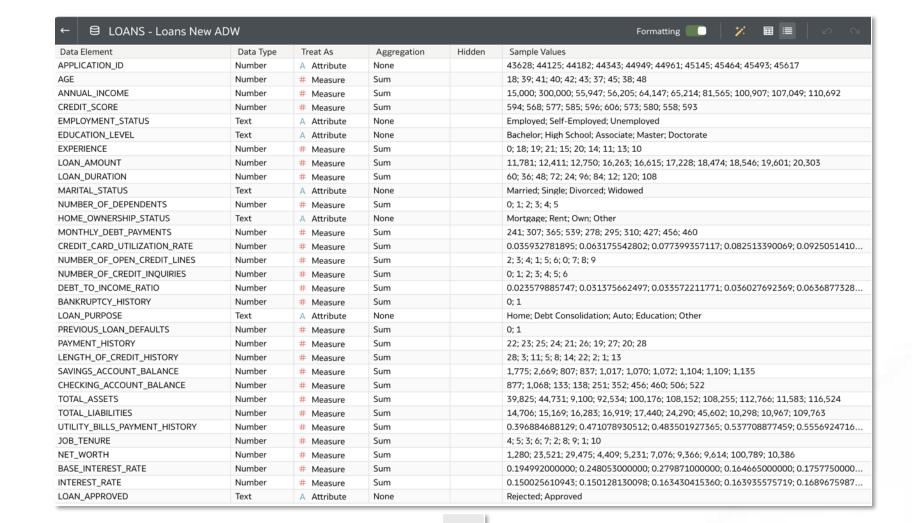
OCI Data Science **OCI AI Services** Vision / Video Speech Language Document Understanding e Machine arning **Data Scientist Oracle Analytics** OML4SQL OML4R Trend, Forecast, Clusters, Outliers, OML4Py Supervised/Unsupervised ML, AutoML AutoML Anomaly Detection, Graph Analysis, Sentiment Analysis, Explain, AutoInsights, Business Analyst -- Generative Al

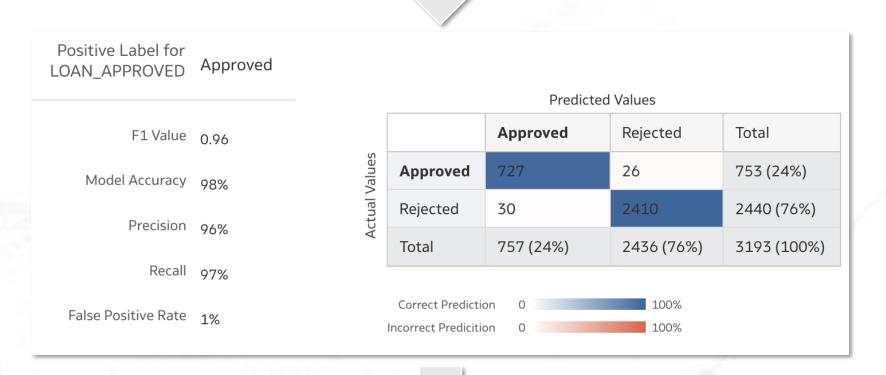


Machine Learning in Oracle Analytics







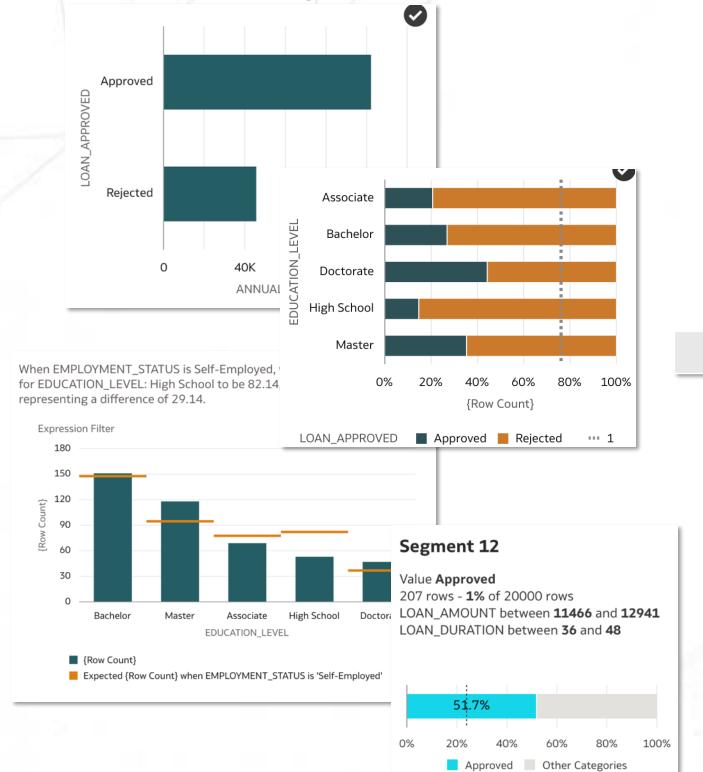






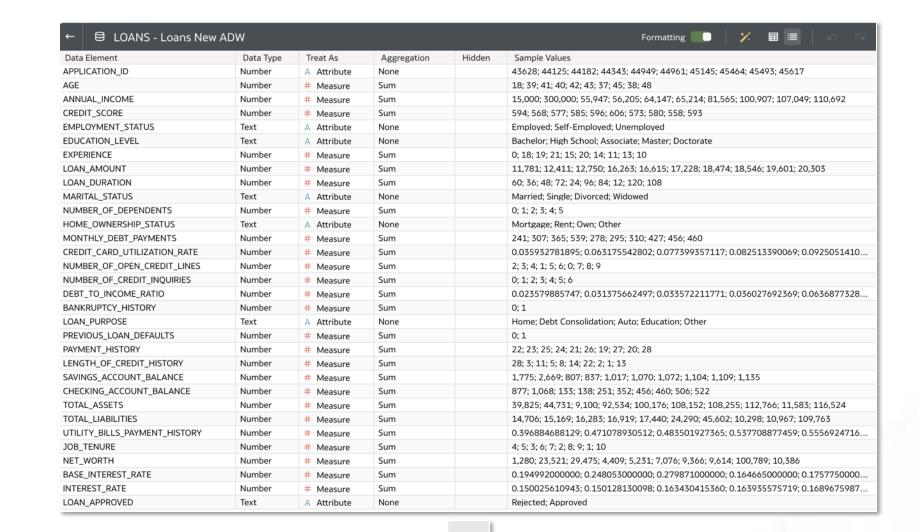
Demo: Data Flows LOANS @ oacent1 (smartisoracle)
https://oacent1-frfoigjl2oaf-fr.analytics.ocp.oraclecloud.com/ui/dv/?pageid=datasources

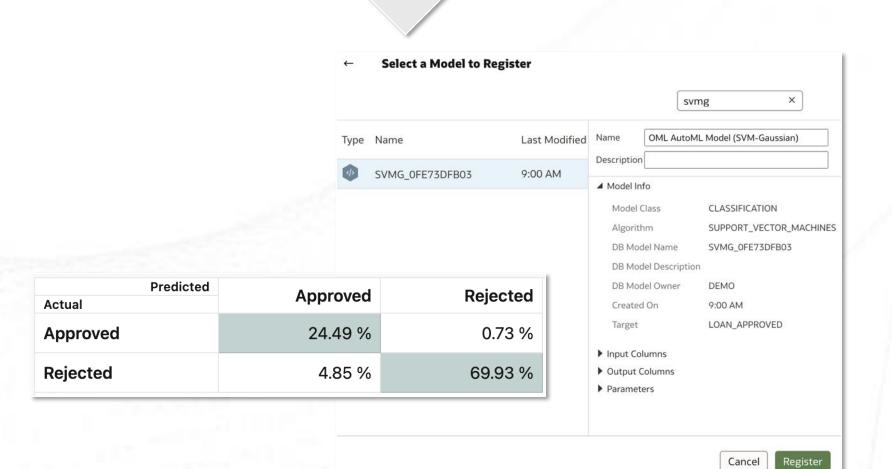
Using Oracle Machine Learning (OML) Models





Demo: Data Flows LOANS @ oacent1 (smartisoracle) + OML @ adw002 (smartisoracle) https://oacent1-frfoigjl2oaf-fr.analytics.ocp.oraclecloud.com/ui/dv/?pageid=datasources

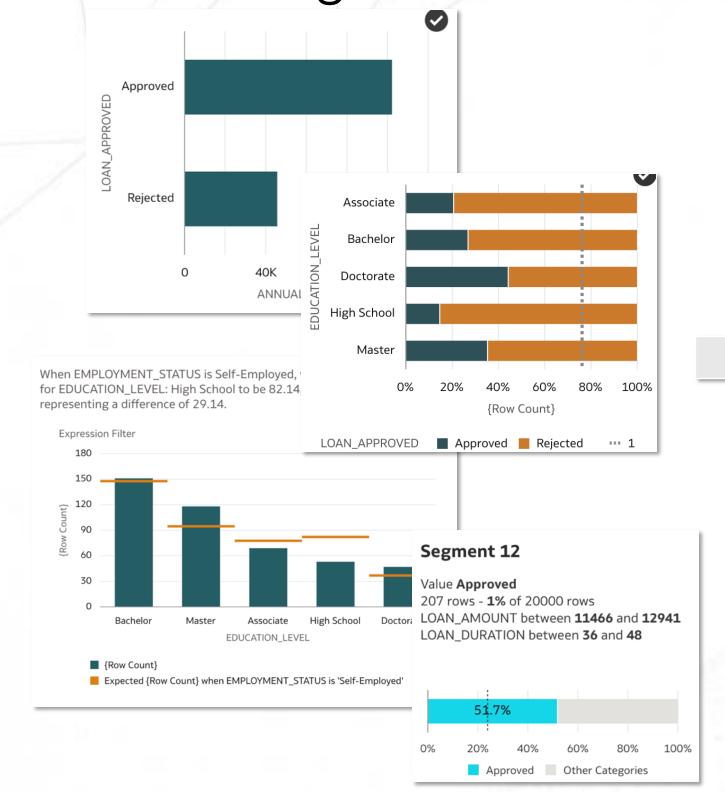


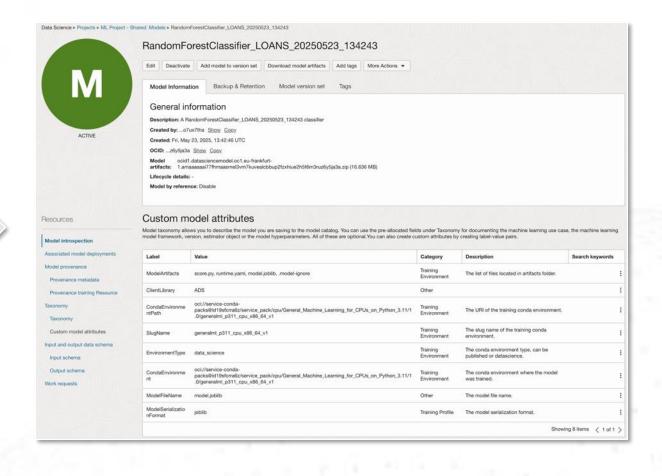


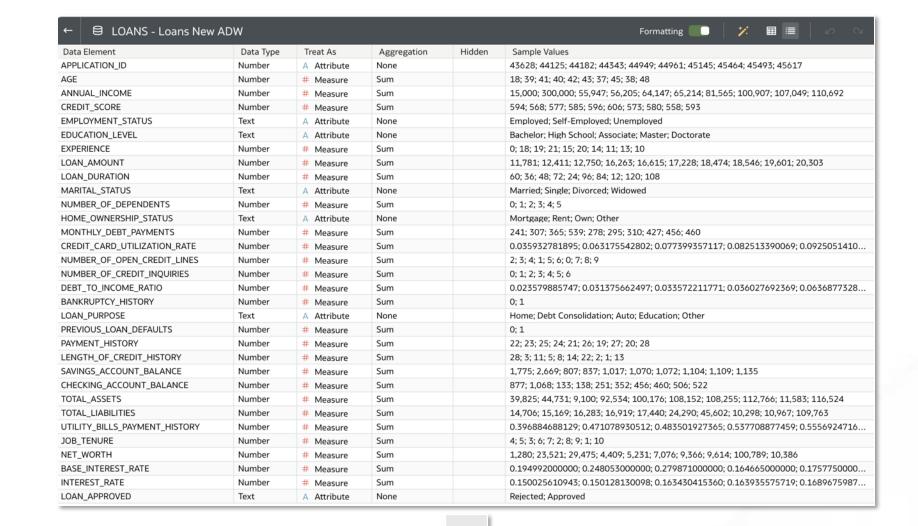


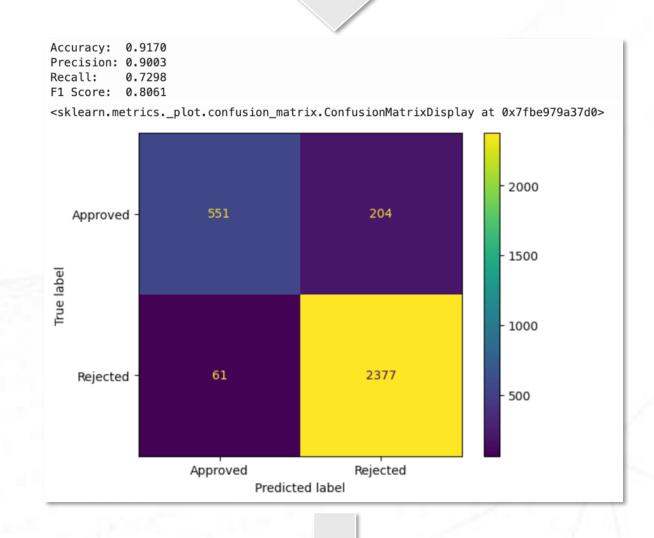


Using ML Models from OCI Data Science













Demo: Data Flows LOANS @ oacent1 (smartisoracle) + Data Science (loans.ipynb / RandomForestClassifier_LOANS) https://oacent1-frfoigjl2oaf-fr.analytics.ocp.oraclecloud.com/ui/dv/?pageid=datasources

AutoNL

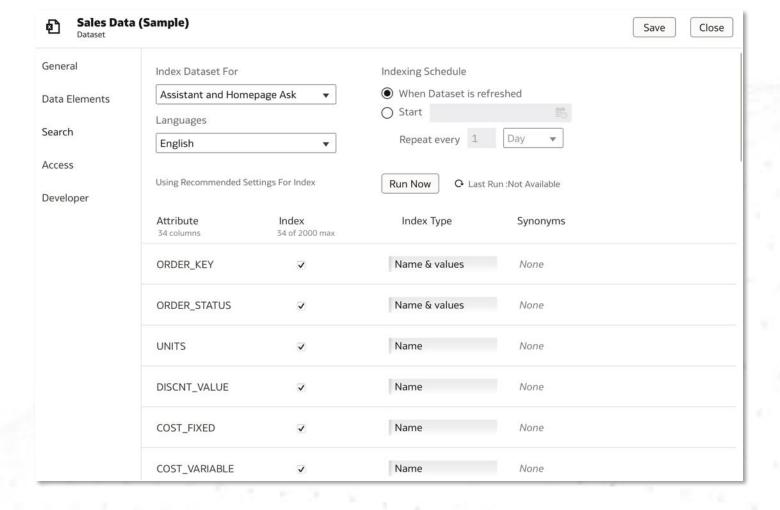
Using Data Science ML Model with OAC

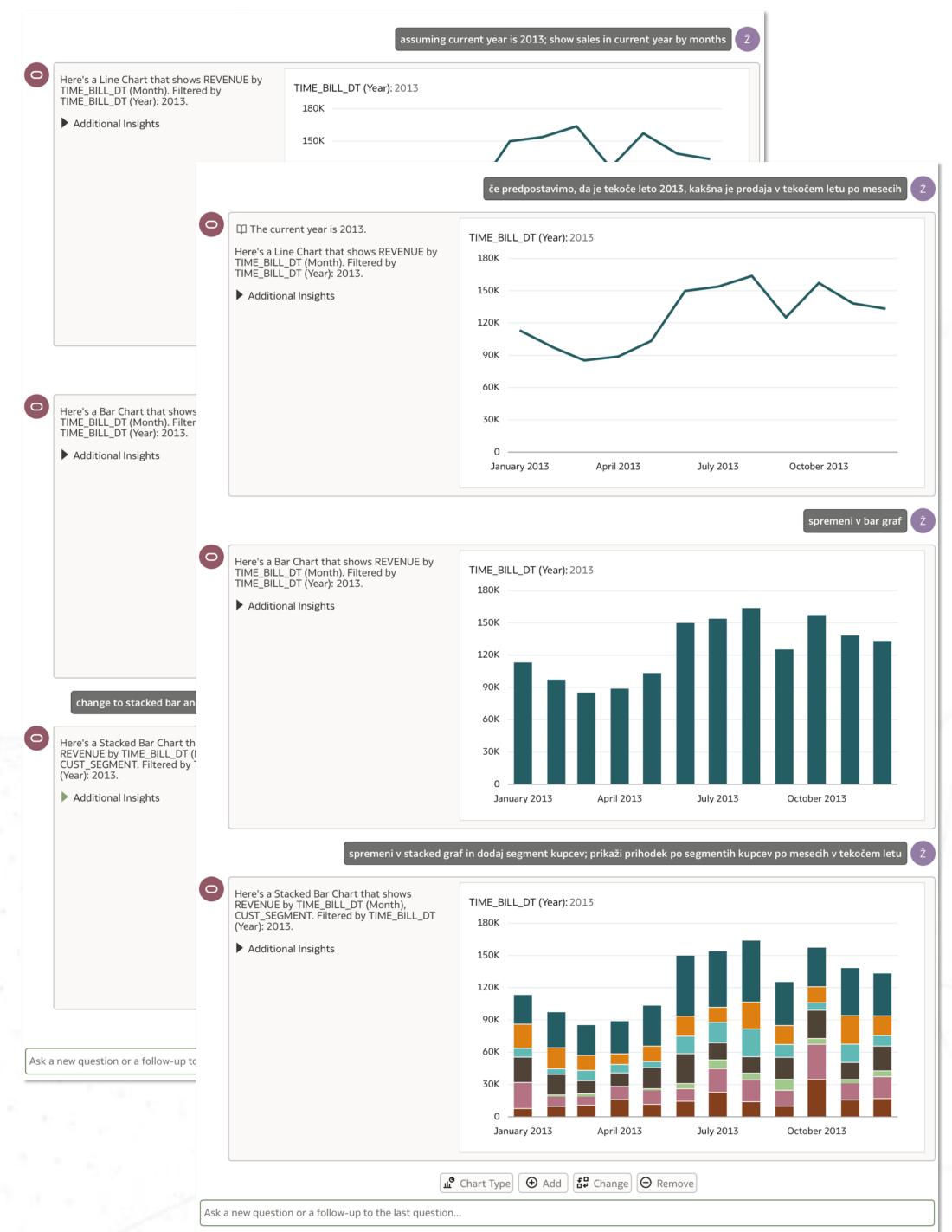




Al Assistant

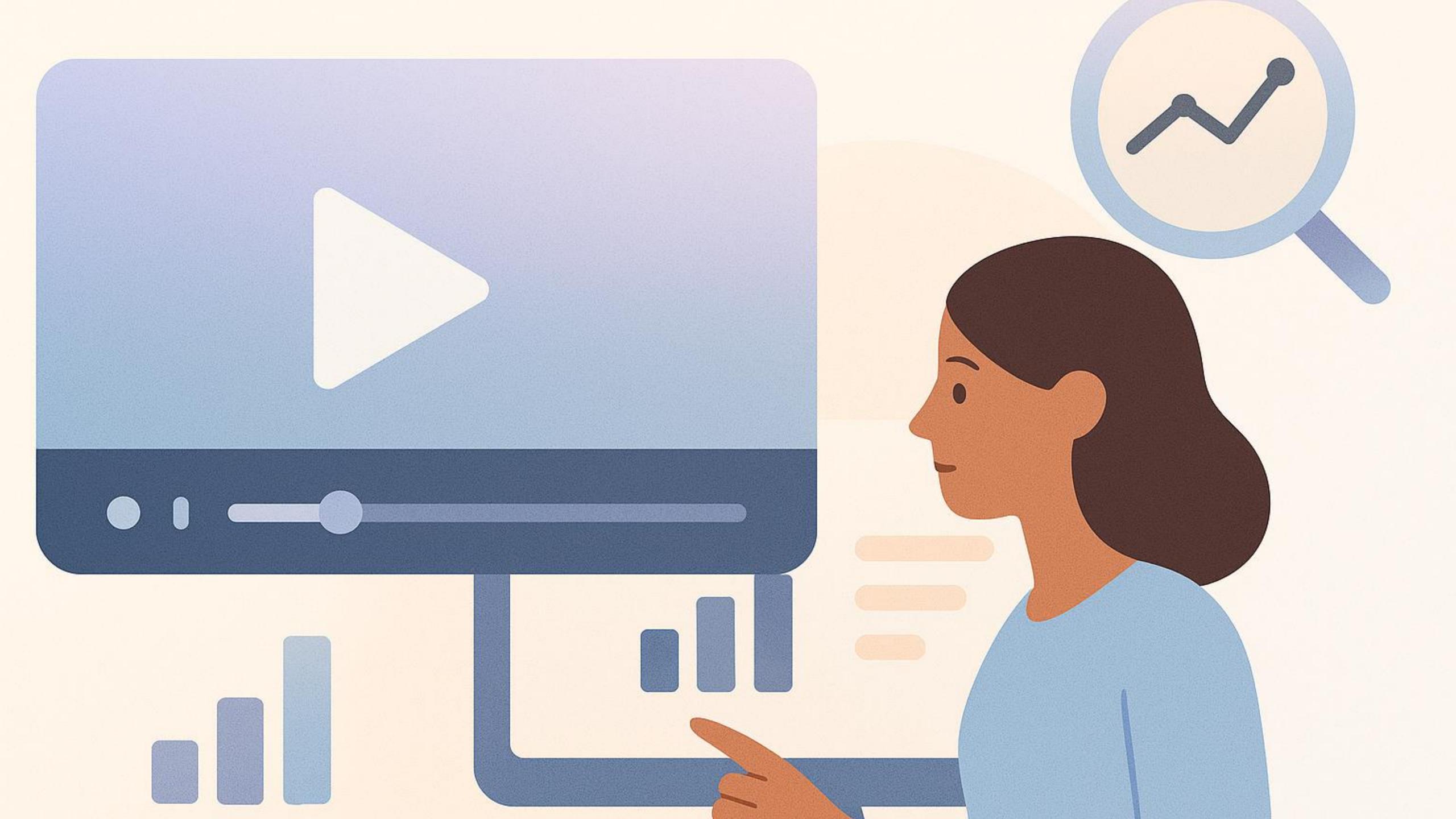
istered Gen Al Services					
Name	Gen Al Service	Model	Status	Feature Usage	
Oracle Analytics	OCI Gen Al	Default	Active	Al Assistant in Workbooks, Cata Descriptions	alog
ChatGPT-4T	OpenAl	gpt-4-turbo	Active	None	:
ChatGPT	OpenAl	gpt-4-turbo	Active	None	:
Register Gen Al Service t cle Analytics Al Assistant F	o use in Oracle Analytics Al Assistant Features				
Feature	Description		Gen Al Service	Status	Monthly Requests
reature					



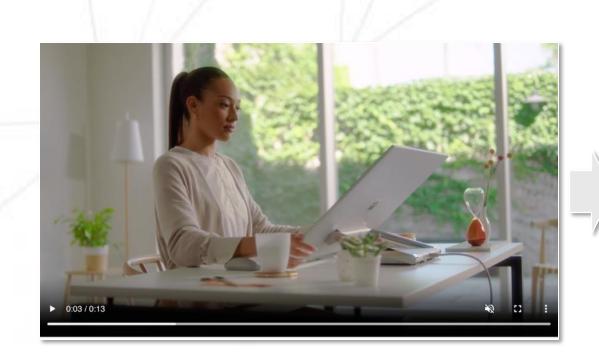


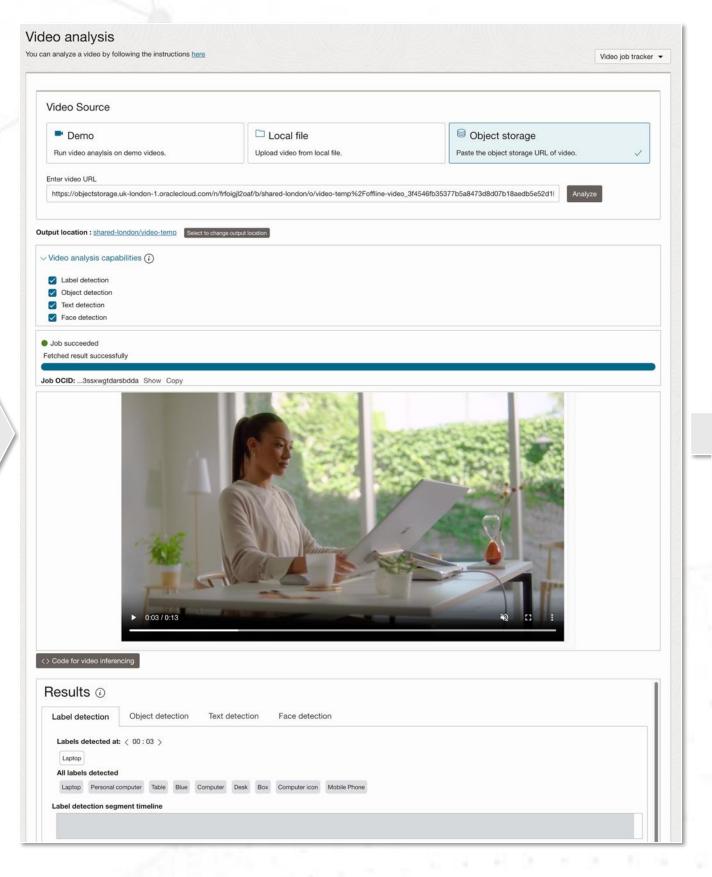
Using GenAl in Oracle Analytics

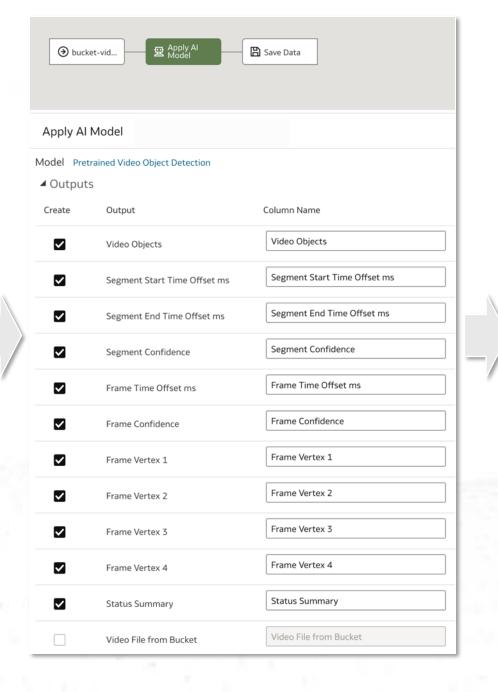


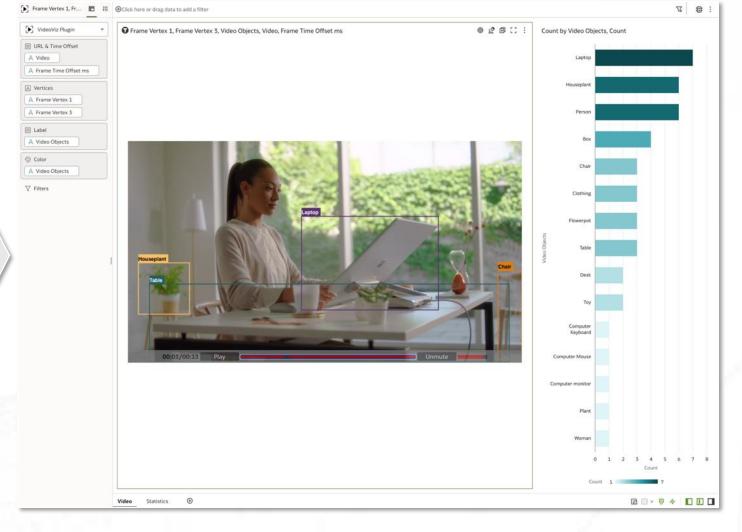


Oracle Analytics & OCI Vision (Video Analysis)











Video Analytics



Q&A

