

Monitoring Report For demo

Project: bank_churn

Time Interval: 2023-03-06 to 2023-05-05

Project **bank_churn** contains **1 model(s)** and **1 dataset(s)** as summarized below. During this time interval a total number of **16 alert(s)** were triggered for this project.

Datasets

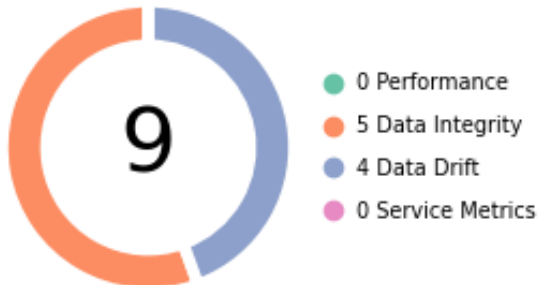
Dataset ID	Source	Size (#Rows)
bank_churn	baseline.csv	4000

Models

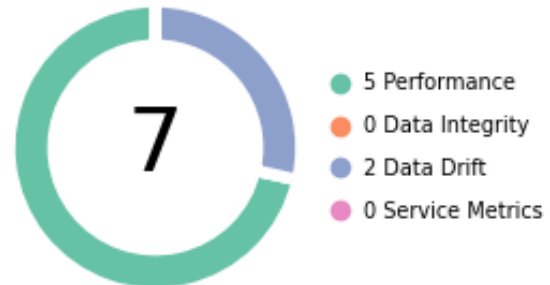
Model ID	Model Type
churn_classifier	binary_classification

Alert Summary

Critical Alerts



Warning Alerts



Alert Rules and Incidents

DATA_INTEGRITY Alerts

Rule: Missing estimated salary 1

(model_id=churn_classifier, metric=MISSING_VALUE, column=estimatedsalary, warning_threshold=0.05, critical_threshold=0.1)

model_id	severity	value	date
churn_classifier	CRITICAL	28.0	2023-04-22
churn_classifier	CRITICAL	44.0	2023-04-23
churn_classifier	CRITICAL	34.0	2023-04-24
churn_classifier	CRITICAL	36.0	2023-04-25
churn_classifier	CRITICAL	44.0	2023-04-26

PERFORMANCE Alerts

Rule: Accuracy Churn Classifier

(model_id=churn_classifier, metric=ACCURACY, column=, warning_threshold=0.7, critical_threshold=0.65)

model_id	severity	value	date
churn_classifier	WARNING	0.67	2023-04-22
churn_classifier	WARNING	0.66	2023-04-23
churn_classifier	WARNING	0.65	2023-04-24

churn_classifier	WARNING	0.7	2023-04-25
churn_classifier	WARNING	0.65	2023-04-26

DATA_DRIFT Alerts

Rule: Output Drift Churn Classifier

(model_id=churn_classifier, metric=JSD, column=probability_churn, warning_threshold=0.15, critical_threshold=0.2)

model_id	severity	value	date
churn_classifier	CRITICAL	0.26	2023-03-18
churn_classifier	WARNING	0.19	2023-04-22
churn_classifier	CRITICAL	0.22	2023-04-23
churn_classifier	CRITICAL	0.22	2023-04-24
churn_classifier	WARNING	0.2	2023-04-25
churn_classifier	CRITICAL	0.22	2023-04-26

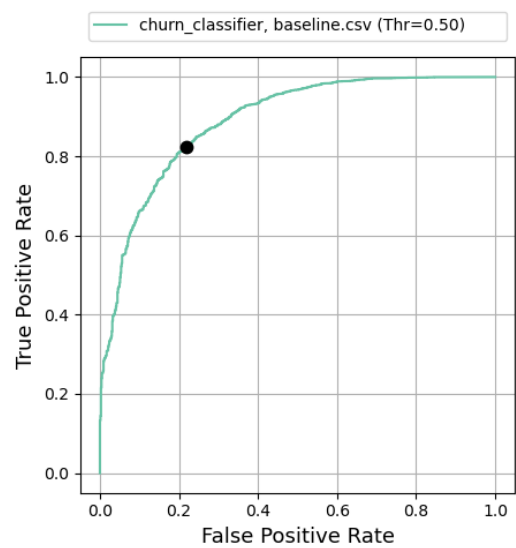
Baseline Model Performance

Performance Summary

Model	Dataset	Source	Accuracy	F1	AUC
churn_classifier	bank_churn	baseline.csv	0.82	0.88	0.89

Performance Charts

ROC Curves



Confusion Matrices

Model: churn_classifier
Dataset: bank_churn
Source: baseline.csv

