

# Monitoring Report For demo

## Project: bank\_churn

**Time Interval:** 2023-05-07 to 2023-06-06

Project **bank\_churn** contains **1 model(s)** and **1 dataset(s)** as summarized below. During this time interval a total number of **6 alert(s)** were triggered for this project.

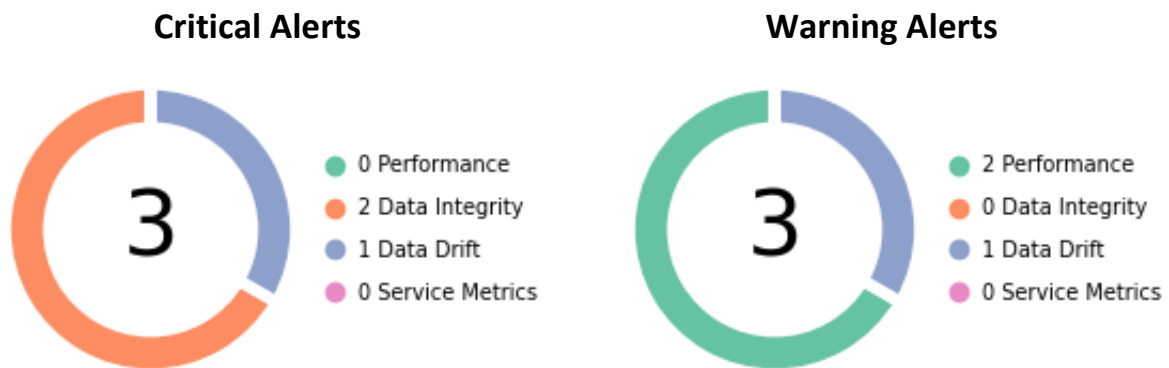
## Datasets

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

## Models

Model ID	Model Type
churn_classifier	binary_classification

## Alert Summary



## 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	36.0	2023-05-07
churn_classifier	CRITICAL	44.0	2023-05-08

### 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	0.69	2023-05-07
churn_classifier	WARNING	0.66	2023-05-08

### 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	WARNING	0.2	2023-05-07
churn_classifier	CRITICAL	0.22	2023-05-08

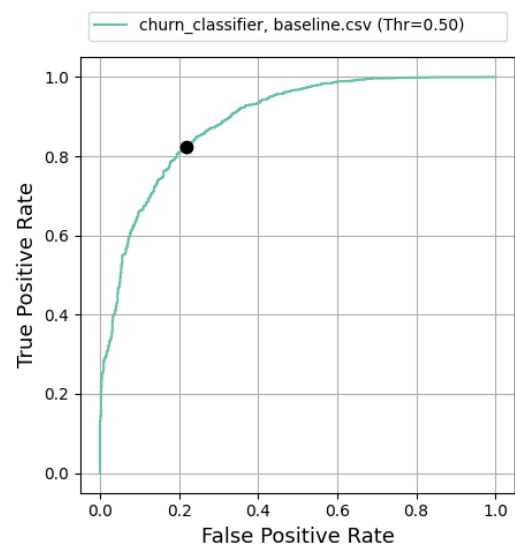
# Baseline Model Performance

## Performance Summary

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

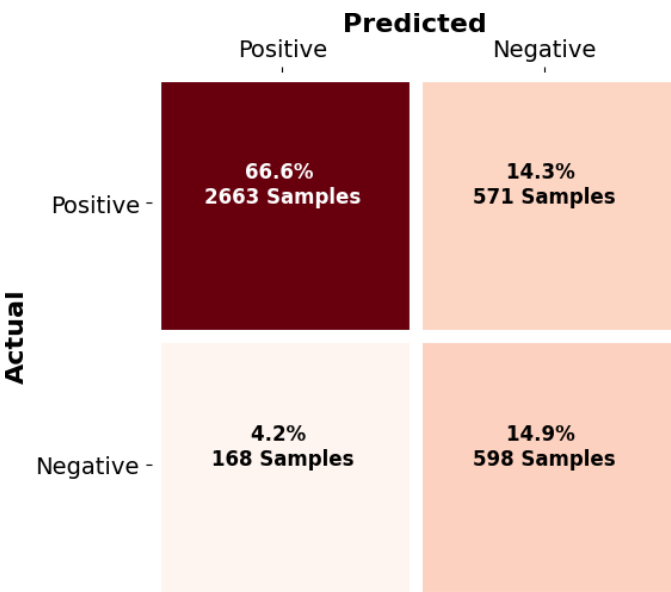
## Performance Charts

### ROC Curves



### Confusion Matrices

**Model:** churn\_classifier  
**Dataset:** bank\_churn  
**Source:** baseline.csv



# Performance Analysis

**Model:** churn\_classifier  
**Metric:** accuracy  
**Segmentation:** geography  
**Segmentation Mode:** all

