**Monitoring Report For demo**

This report is generated for the Fiddler deployment at *http://demo.fiddler.ai/.* This Fiddler deployment contains **22** project(s).

The following content of this report is generated based on the specified analysis modules for different projects. The list of analysis modules is customizable and can be specified when running Fiddler Report Generator.

**Project: lending**

**Time Interval:** *2023-03-10* to *2023-06-08*

Project **lending** contains **2 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) |
| p2p\_loans | baseline.csv | 29274 |

**Models**

|  |  |
| --- | --- |
| Model ID | Model Type |
| logreg\_all | binary\_classification |
| xgboost\_simple | binary\_classification |

**Alert Summary**

|  |  |
| --- | --- |
| **Critical Alerts** | **Warning Alerts** |

**Alert Rules and Incidents**

**PERFORMANCE Alerts**

**Rule:** F1 Score Logreg

(model\_id=logreg\_all, metric=F1\_SCORE, column=, warning\_threshold=0.6, critical\_threshold=0.5)

|  |  |  |  |
| --- | --- | --- | --- |
| model\_id | severity | value | date |
| logreg\_all | WARNING | 0.59 | 2023-05-28 |
| logreg\_all | WARNING | 0.57 | 2023-05-29 |
| logreg\_all | WARNING | 0.58 | 2023-05-30 |
| logreg\_all | WARNING | 0.58 | 2023-05-31 |
| logreg\_all | WARNING | 0.58 | 2023-06-01 |
| logreg\_all | WARNING | 0.55 | 2023-06-02 |
| logreg\_all | WARNING | 0.51 | 2023-06-03 |
| logreg\_all | WARNING | 0.50 | 2023-06-04 |
| logreg\_all | CRITICAL | 0.46 | 2023-06-05 |
| logreg\_all | CRITICAL | 0.50 | 2023-06-06 |
| logreg\_all | CRITICAL | 0.46 | 2023-06-07 |

**DATA\_DRIFT Alerts**

**Rule:** Output Drift Logreg

(model\_id=logreg\_all, metric=PSI, column=prob\_loan\_status, warning\_threshold=0.35, critical\_threshold=0.4)

|  |  |  |  |
| --- | --- | --- | --- |
| model\_id | severity | value | date |
| logreg\_all | CRITICAL | 0.61 | 2023-06-03 |
| logreg\_all | CRITICAL | 0.60 | 2023-06-04 |
| logreg\_all | CRITICAL | 0.65 | 2023-06-05 |
| logreg\_all | CRITICAL | 0.60 | 2023-06-06 |
| logreg\_all | CRITICAL | 0.62 | 2023-06-07 |

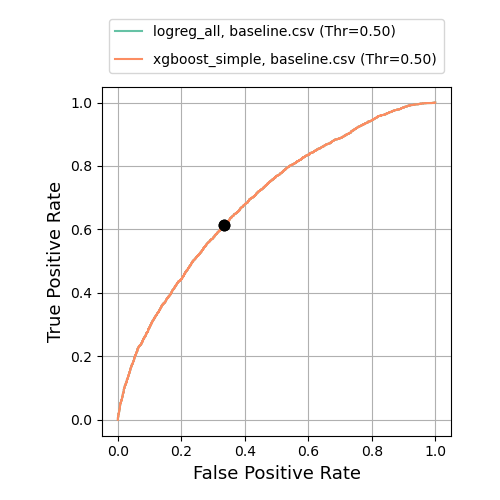
**Baseline Model Performance**

**Performance Summary**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Dataset | Source | Accuracy | F1 | AUC |
| logreg\_all | p2p\_loans | baseline.csv | 0.64 | 0.63 | 0.69 |
| xgboost\_simple | p2p\_loans | baseline.csv | 0.65 | 0.63 | 0.71 |

**Performance Charts**

**ROC Curves**



**Confusion Matrices**

|  |  |
| --- | --- |
| **Model:** logreg\_all **Dataset:** p2p\_loans **Source:** baseline.csv |  |

|  |  |
| --- | --- |
| **Model:** xgboost\_simple **Dataset:** p2p\_loans **Source:** baseline.csv |  |

**Performance Analysis**

|  |  |
| --- | --- |
| **Model:** logreg\_all **Metric:** accuracy **Segmentation:** home\_ownership **Segmentation Mode:** all |  |