

## Model Report

### Chapter 1 : Ingested Data

#### List of data ingested

Ingestion of practicedata/dataset2.csv at : 05/22/2023, 21:35:10

Ingestion of practicedata/dataset1.csv at : 05/22/2023, 21:35:10

#### Summary Statistic

Column Name	mean	std	median
lastmonth_activity	165.65384615384616	284.0332293669446	73.0
lastyear_activity	1502.923076923077	2192.64495845683	955.0
number_of_employees	26.884615384615383	31.35388578543581	14.0
exited	0.5769230769230769	0.5038314736557788	1.0

#### Missing data percentage

corporation	lastmonth_activity	lastyear_activity	number_of_employees	exited
0.0	0.0	0.0	0.0	0.0

# Model Report

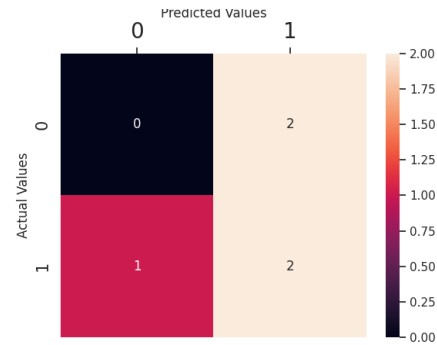
## Chapter 2 : Trained model evaluation on the test data

### Latest Score

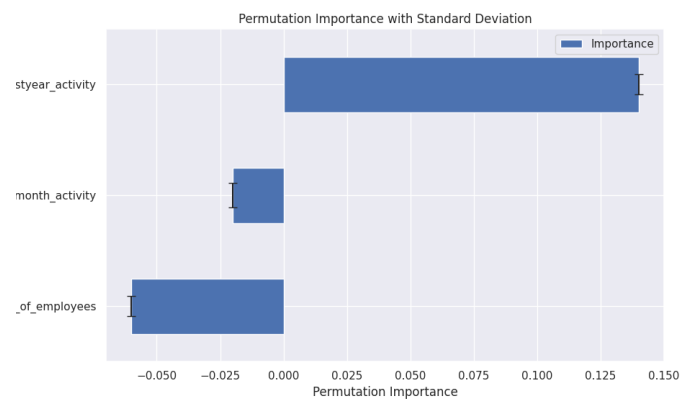
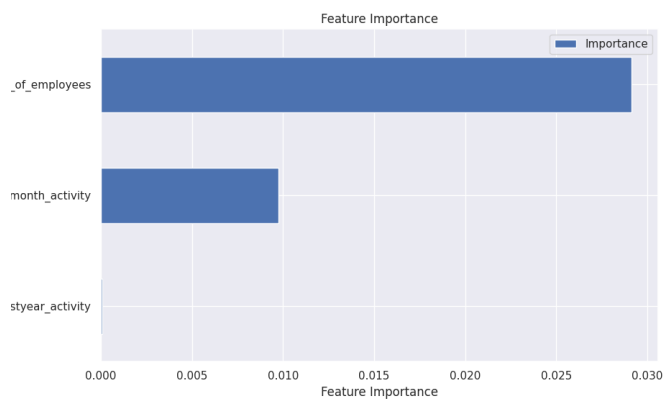
f1 score = 0.5714285714285715

### Classification Report & Confusion Matrix

	precision	recall	f1-score	support
0	0.00	0.00	0.00	2
1	0.50	0.67	0.57	3
accuracy	0.40			5
macro avg	0.25	0.33	0.29	5
weighted avg	0.30	0.40	0.34	5



### Feature Importance & Permutation Importance with Standard Deviation



## Model Report

### Chapter 3 : Diagnostics for execution time and dependencies

#### Ingestion and Training execution times

ingestion\_timing = 0.2393948429999  
training\_timing = 0.4893320669998502

#### Outdated Dependencies

name	version	latest_version
pip	22.0.2	23.1.2
setuptools	59.6.0	67.8.0