

## Offline: 2 Report

1805117

Telco Dataset

Logistic Regression:

Parameters: learning\_rate=0.01, iterations=1000, error\_threshold=0.5, num\_features=10

Metric	Train	Test
Accuracy	0.75	0.75
Precision	0.41	0.55
Recall	0.54	0.4
Specificity	0.87	0.88
F1 Score	0.47	0.46
False Discovery Rate	0.45	0.44

Adaboost:

K	Train	Test
5	0.44	0.45
10	0.5	0.5
15	0.533	0.525
20		

Adult Dataset

Logistic Regression:

Parameters: learning\_rate=0.01, iterations=1000, error\_threshold=0.5, num\_features=10

Metric	Train	Test
Accuracy	0.767	0.7677
Precision	0.54	0.53
Recall	0.39	0.39
Specificity	0.89	0.89
F1 Score	0.457	0.45
False Discovery Rate	0.45	0.46