

Models Performance

	Multi layer Percept on	Decision Tree Classifier	XGBoost Classifier	Random Forest Classifier	Gaussian Naïve Bayes
Accurac y	0.69	0.74	0.78	0.80	0.63
Precisio n (wavg)	0.70	0.75	0.79	0.81	0.56
Recall (wavg)	0.69	0.74	0.78	0.80	0.61
F-1 Score (wavg)	0.65	0.72	0.78	0.79	0.51

The XGBoost Classifier and Random Forest Classifier models show the best performance, while the Gaussian Naive Bayes model performs the worst among the five models.