

Fake News Detection – Model Performance

Model	Accuracy	Precision	Recall	F1-Score	AUC
Logistic Regression (TF-IDF)	0.98686	0.983744	0.988796	0.986263	0.999053
Random Forest (Metadata+TF-IDF)	0.99833	0.997668	0.998833	0.99825	0.999986
BiGRU (GloVe)	0.939532	0.88799	0.9993	0.940362	0.998977
DistilBERT	0.957016	0.949908	0.960551	0.9552	0.994438