

XGBoost

Best Model

0.84

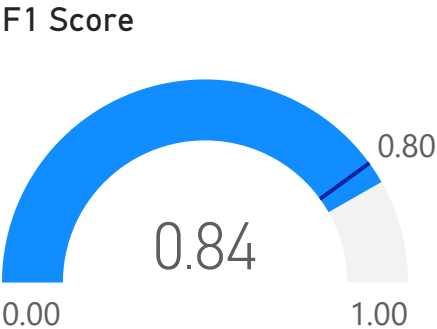
Max F1-Score

0.71

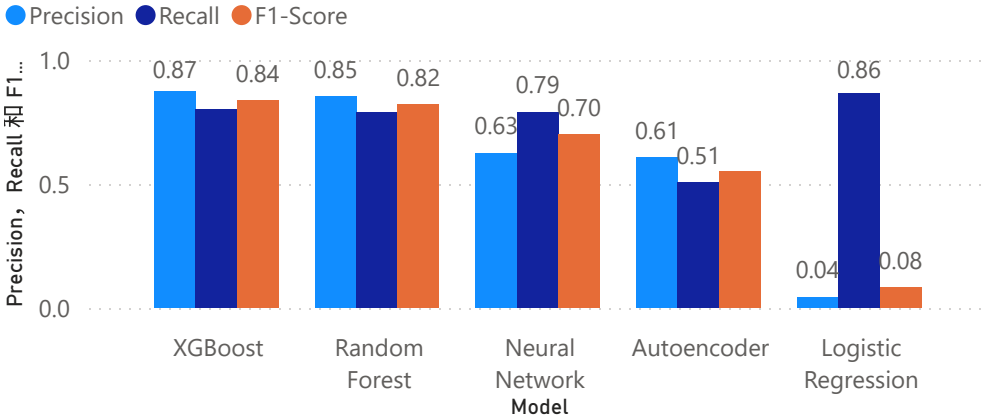
Avg Performance

Fast

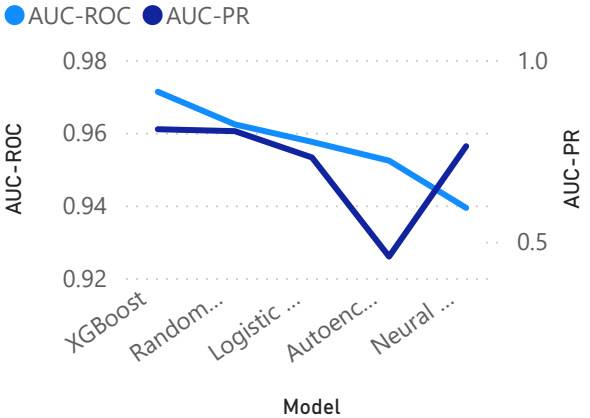
Training Speed



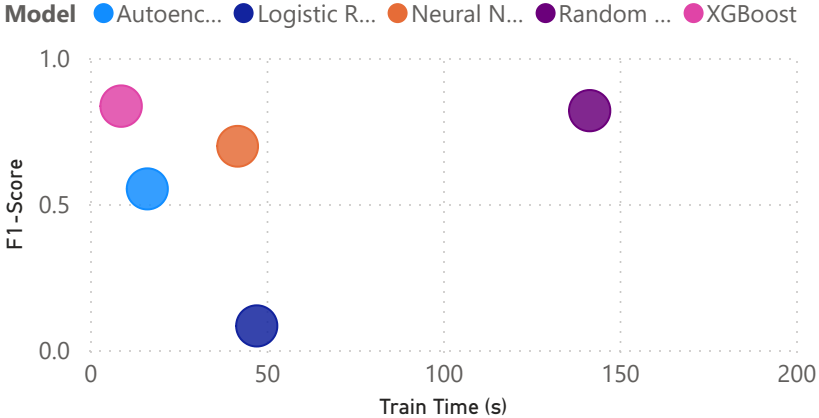
Precision、Recall F1-Score (Model)



AUC-ROC , AUC-PR (Model)



Train Time (s) , F1-Score AUC-ROC (Model)



Model Rank	Model	Precision	Recall	F1-Score	AUC-ROC	Train Time (s)	Performance Category
2	Random Forest	0.85	0.79	0.82	0.96	141.55	Excellent
5	Logistic Regression	0.04	0.86	0.08	0.96	47.24	Poor
3	Neural Network	0.63	0.79	0.70	0.94	41.82	Good
4	Autoencoder	0.61	0.51	0.55	0.95	16.24	Moderate
1	XGBoost	0.87	0.80	0.84	0.97	8.82	Excellent

Model

Autoencoder

Logistic Regression

Neural Network

Random Forest

XGBoost