

Predict income so that they can be used to identify who can donate for Organisation

Original Dataset Preview

	ODATEDW	OSOURCE	TCODE	STATE	ZIP	MAILCODE	PVASTATE	DOB	NOEXCH	RECINHSE
0	8,901	GRI	0	IL	61081			3,712	0	
1	9,401	BOA	1	CA	91326			5,202	0	
2	9,001	AMH	1	NC	27017			0	0	
3	8,701	BRY	0	CA	95953			2,801	0	
4	8,601		0	FL	33176			2,001	0	X

Show All Features

Data after pre-processing

Show Data After Pre-Processing

Calculate Classification Metrics

Classification Metrics

Random Forest

Accuracy: 0.8668280871670703

Precision: 0.8672405183700865

Recall: 0.8668280871670703

F1 Score: 0.8643421152068136

SVM

Accuracy: 0.662227602905569

Precision: 0.63939209765838

Recall: 0.662227602905569

F1 Score: 0.6453252953702557

Random Forest

Accuracy: 0.8018563357546409

Precision: 0.8037579511703015

Recall: 0.8018563357546409

F1 Score: 0.798342638423913

Ensemble Classifier

Accuracy: 0.8071025020177562

Precision: 0.8135810447462313

Recall: 0.8071025020177562

F1 Score: 0.8018647620455103