

## **The table we got on applying five different sampling techniques on five different ML models**

Model	Sampling1	Sampling2	Sampling3	Sampling4	Sampling5
Decision Tree	0.9935	0.9836	0.4286	0.9919	0.9619
SVM	0.9740	0.9754	0.7143	0.9837	0.9239
Random Forest	0.9935	0.9959	0.7143	0.9943	0.9728
Logistic Regression	0.9805	0.9795	0.8571	0.9756	0.7228
Neural Networks (MLP Classifier)	0.9545	0.9734	0.4286	0.9756	0.9456

Sampling1- Simple Random Sampling

Sampling2- Proportionate Stratified Sampling

Sampling3- Disproportionate Stratified Sampling

Sampling4- Systematic Sampling

Sampling5- Cluster Sampling