

Machine learning competition question

Assignment

[Problem-1; Prediction]

Consider the dataset bank-market.csv

Data Set Information:

The data is related to direct marketing campaigns of Pakistan banking. The marketing initiatives were carried out through telephone calls. In order to determine if the product (bank term deposit) would be subscribed ('yes') or not ('no'), it was frequently necessary to make multiple contacts with the same client.

The classification goal is to predict if the client will subscribe (yes/no) to a term deposit (variable y).

Attribute Information:

The dataset contains 21 attributes mixed with categorical and valued.

Output variable (desired target):

The attribute “y” is a target.

Problem:

Write the python code for filling the given table below:

Sno	ML Algo.	Splitting	Accuracy	Precision	Recall	F1-Score
	Logistic Regression	Hold Out method (30%-70%)				
		Simple K-fold Method				
		Stratified K-fold method				
	KNN	Simple K-fold Method				
		Hold Out method (30%-70%)				
		Stratified K-fold method				

Submission:

Python code and table in a single PDF file