Classification Assignment

Problem Statement:

A requirement from the Hospital Management asked us to create a predictive model that will predict the chronic kidney disease (CKD) based on several parameters. The Client has provided the dataset.

1.) Identify your problem statement

Domain Selection: Machine Learning

Learning Selection: Supervised Learning

Classification problem: Yes

2.) Tell basic info about the dataset (Total number of rows, columns)

Total no. of Rows: 399 rows
Total no. of Columns: 25 columns

3.) Mention the pre-processing method if you're doing any (like converting string to number – nominal data)

Pre-processing Method used: ONE Hot Encoding

4.) Develop a good model with good evaluation metric. You can use any machine learning algorithm; you can create many models. Finally, you have to come up with final model.

5.) All the research values of each algorithm should be documented. (You can make tabulation or screenshot of the results.)

6.) Mention your final model, justify why u have chosen the same.

Note: Mentioned points are necessary, kindly mail your document as well as .ipynb (code file) with respective name.

- Sub file name also should be properly named for Example (SVM_Ramisha_Assi-5.ipynb)

Communication is important (How you are representing the document.)

Kindly uploaded in the Github and Share it with us