



Model Development Phase Template

Date	14 July 2024	
Team ID	739755	
Project Title	Blood Donation Prediction	
Maximum Marks	4 Marks	

Initial Model Training Code, Model Validation and Evaluation Report

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

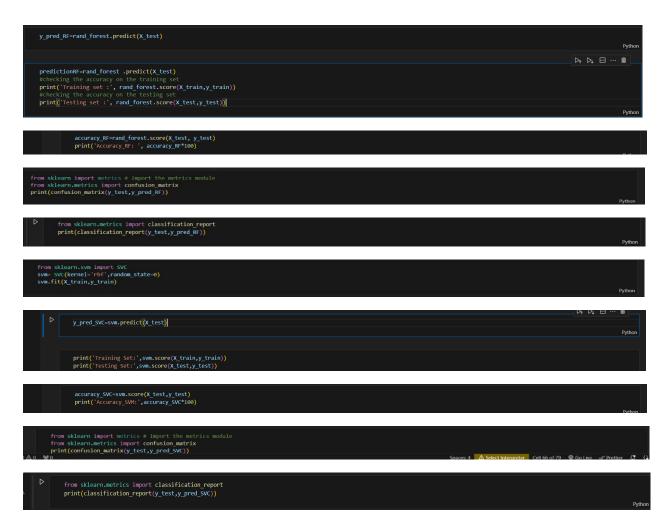
Initial Model Training Code:

```
from sklearn_linear_model import legisticRegression

from sklearn_model_selection import train_test_split
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Model Validation and Evaluation Report:

Model	Classification Report	Accuracy	Confusion Matrix
Logistic Regression	from shikorm.metrics import classification report print(classification_report(p_test_p	93.3	from sklearn import metrics # import the metrics module from sklearn.metrics import confusion.matrix print(confusion.matrix(y_test,y_pred_LOGREG)) [8 0 0] [0 8 1] [0 1 12]]
Random Forest	From skinamn.metrics import classification_report	90.0	from ableown import metrics # import the metrics module from bileasm.metrics import confusion metrix print(confusion_metrix(y_test_y_pred_BP)) [[8 0 0] [0 8 1] [0 2 11]]





Support Vector Machine



90.0

