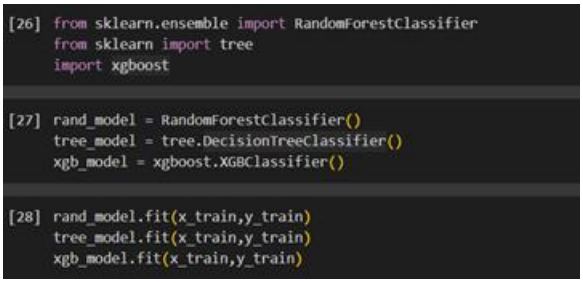
PHASE – V:

Model Performance Testing:

Date	20 November 2023
Team ID	Team-591849
Project Name	Project – Understanding Audience
Maximum Marks	10 Marks

S.No.	Parameter	Values	Screenshot
1.	Model Summary	RandomForestClassifier() DecisionTreeClassifier() XGBClassifier()	
2.	Accuracy	**Training Accuracy** – Random Forest = 1.0 Decision Tree = 1.0 XGBoot = 1.0 **Validation Accuracy** – Random Forest R2 Accuracy = 0.9546 Decision R2 Accuracy = 0.9519 XGBoost R2 Accuracy = 0.9603 Random Forest Accuracy: 0.9893 Decision Tree Accuracy: 0.9887 XGBoost Accuracy: 0.9906