



Model Development Phase Template

Date	5 May 2024	
Team ID	737906	
Project Title	Walmart Sales Analysis for Retail Industry with Machine Learning	
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:

Model Validation and Evaluation Report:





Model	Classification Report	Accuracy
Random Forest	4 2 3018 False [] from silearn.ensemble import RandomforestRapressor	94%
Decision Tree	(%) from ablases, tree journs fleekinsfreedagenesse ets-duckinsfreedagenesses(rendom_ktate=0) dt.efkik_trein_x_renain_ print: Testing Accorder() dt.score(d_test, y_test.renail())280, %) print: Testing Accorder() dt.score(d_test, y_test.renail())280, %) from ablases.markins inpurt mem_testes.generg_wrene renseman_squared_wrene(y_test_y_trein_generg_wrene renseman_squared_wrene(y_test_y_trein_generg_wrene) print: Testing Accorder() dt.score(d_test_y_test) Testing Accorder() dt.STOSSE66833222 % RM: 2823-dr9503266843 [] print: Training Accorder() dt.score(d_test_y_test_renail())*289,7%) [] Training Accorder() dt.STOSSE6683322 %	100%
XgBoost		94%
ARIMA	The state of the	