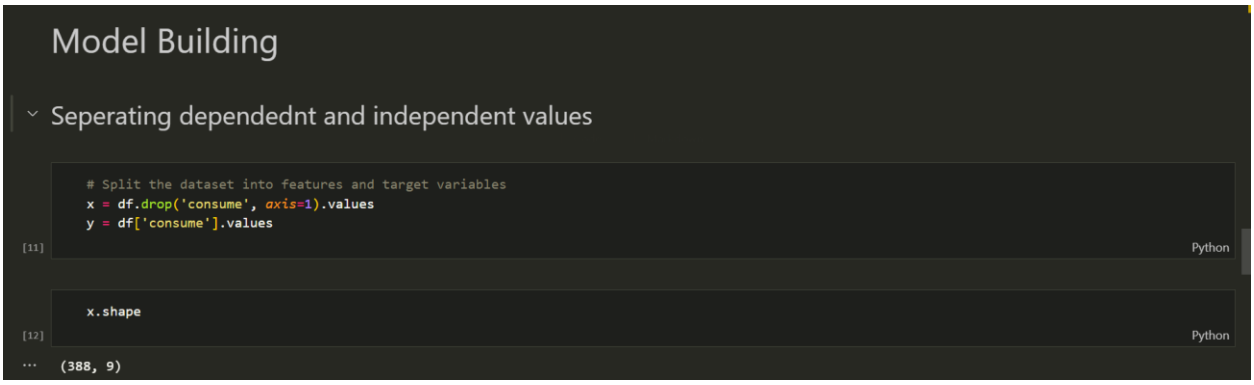
Model Development Phase Template

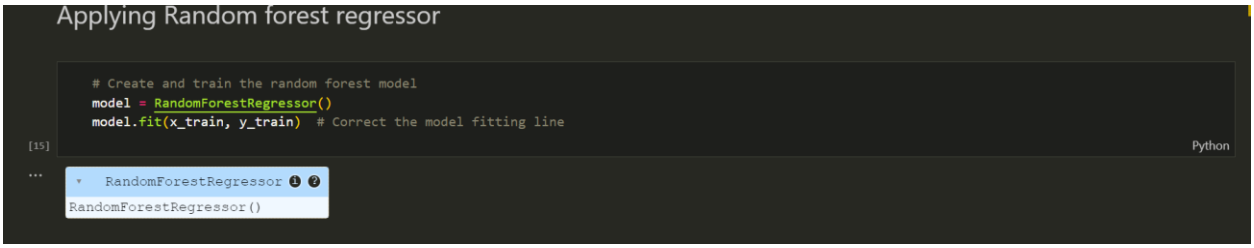
Date	15 July 2024
Team ID	SWTID1720090652
Project Title	Predictive Modelling for Fleet Fuel Management using Machine Learning Techniques
Maximum Marks	4 Marks

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	Confusion Matrix
Random Forest	Not a classification problem so invalid	Error metrics: Mean Absolute Error: 0.4446656898656903 Mean Squared Error: 0.3821795521791004 R^2 Score: 0.5436583449392025	Invalid
Support Vector Regression	Not a classification problem so invalid	-	Invalid