Model Development Phase Template

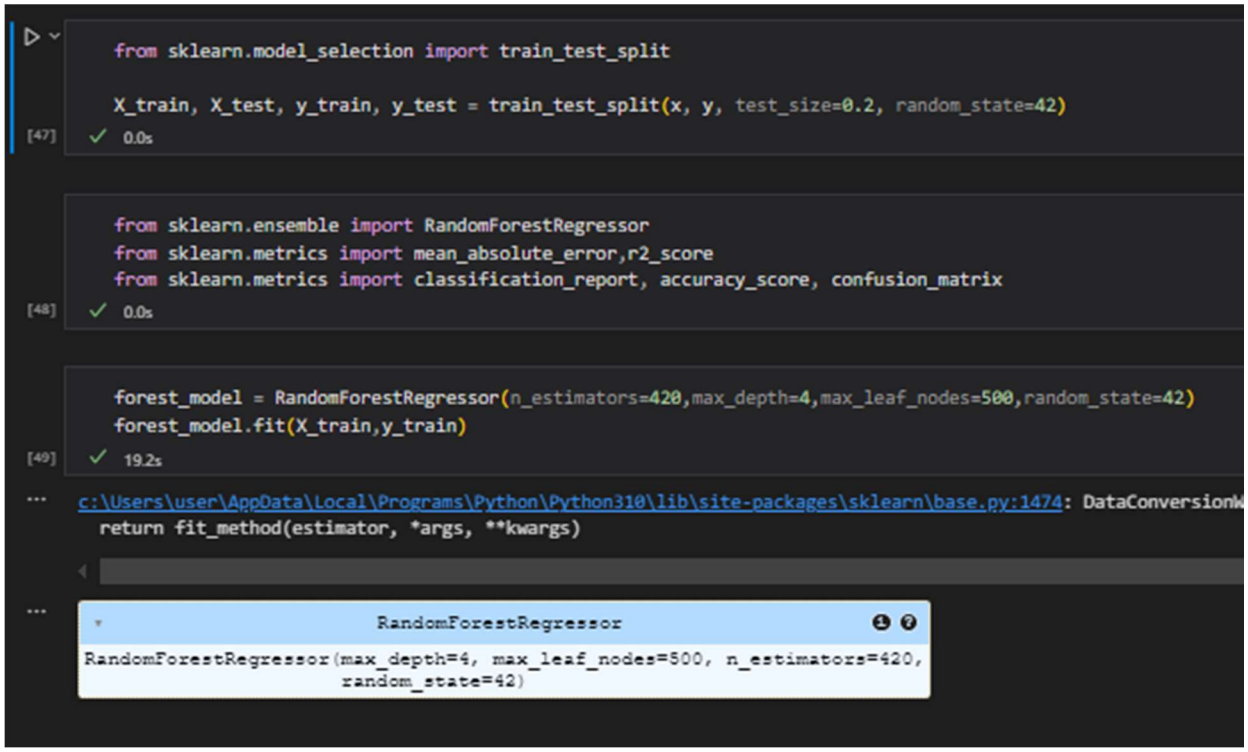
Date	17 July 2024
Team ID	xxxxxx
Project Title	Predicting The Energy Output Of Wind Turbine Based On Weather Condition
Maximum Marks	4 Marks

Initial Model Training Code, Model Validation and Evaluation Report

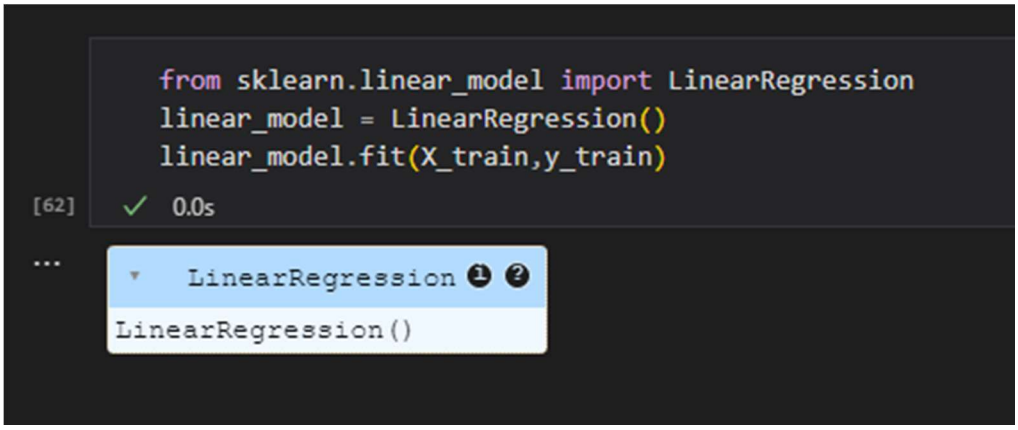
The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include Mean Absolute Error, R2 Score for multiple models, presented through respective screenshots.

Initial Model Training Code:

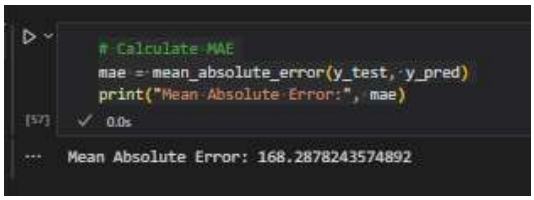
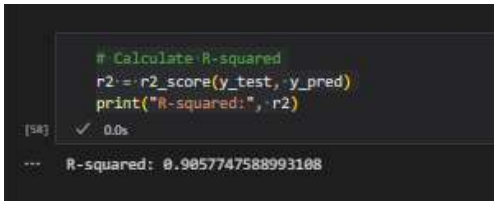
1. Random Forest Regressor



2. Linear Regression



Model Validation and Evaluation Report:

Model	Mean Absolute Error	R2 Score
Random Forest Regressor		
Linear Regression