Model Development Phase Template

Date	12 March 2024
Team ID	740048
Project Title	Air Quality Index Analyzer Using ML
Maximum Marks	4 Marks

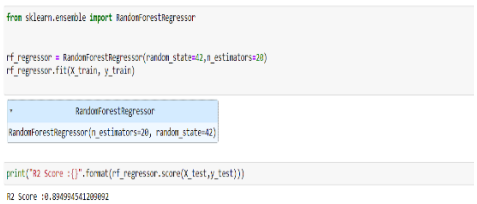
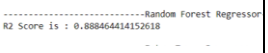
Initial Model Training Code, Model Validation and Evaluation Report

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.model_selection import train_test_split
x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=0.2,random_state=0)
```

Model Validation and Evaluation Report:

Model	Classification Report	Accuracy
Random forest classifier		
Decision Tree classifier		

Extra Tree classifier