**Model Development Phase Template**

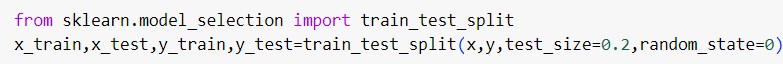
|  |  |
| --- | --- |
| Date | 12 JULY 2024 |
| Team ID | 739763 |
| Project Title | Air Quality Index Analyzer Using ML |
| Maximum Marks | 4 Marks |

|  |  |  |
| --- | --- | --- |
| **Model** | **Classification Report** | **Accuracy** |
| Random forest classifier |  |  |
| Decision Tree classifier |  |  |

**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:**

|  |  |  |
| --- | --- | --- |
| Extra Tree classifier |  |  |