**Model Development Phase Template**

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| --- | --- | --- | --- |
| Date | | 12 JULY 2024 | |
| Team ID | | 739850 | |
| 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 |  |  |