**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 15 July 2024 |
| Team ID | 739989 |
| Project Title | Crop Prediction using machine learning |
| 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:**

Paste the screenshot of the model training code

**Model Validation and Evaluation Report:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Classification Report** | **Accuracy** | **Confusion Matrix** |
| 1. K Nearest Neighbors Model |  | **0.98579** |  |
| 2. SVM Model |  | **0.97784** |  |
| 3.Decision Tree Modell |  | 0.7613 | … |
| 4. Random Forest Model |  | 0.9954 |  |