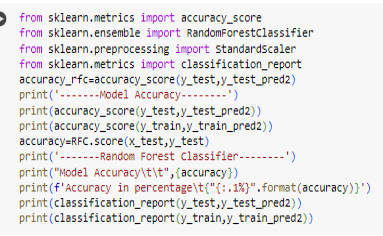


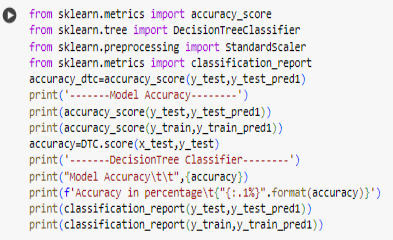
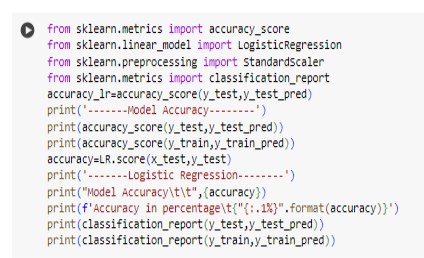
**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 9 July 2024 |
| Team ID | team-739821 |
| Project Title | Precise Coffee Quality Prediction |
| 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:**





**Model Validation and Evaluation Report:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Classification Report** | **Accuracy** | **Confusion Matrix** |
| Logistic Regression |  | 69.2% |  |
| Decision Tree Classifier |  | 87.2% |  |
| Random Forest Classifier |  | 94.9% |  |

