**Project Development Phase Model Performance Test**

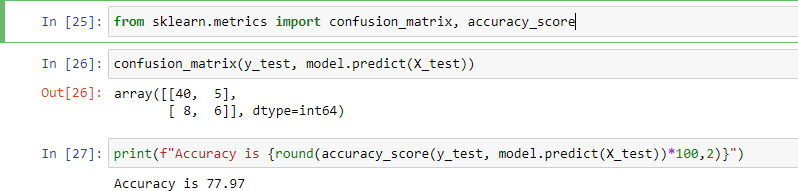
|  |  |
| --- | --- |
| **Date** | 10 November 2022 |
| **Team ID** | PNT2022TMID48272 |
| **Project Name** | Project – Statistical Machine learning approaches  to Liver disease prediction |
| **Maximum Marks** | 10 Marks |

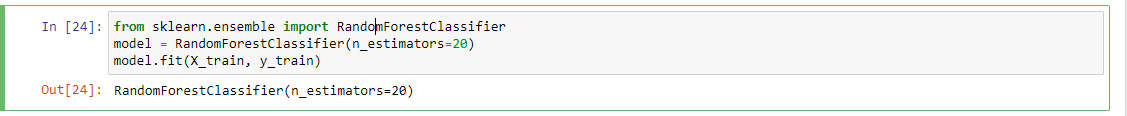
**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
| 1. | Metrics | **Classification Model:**  Confusion Matrix, Accuracy Score- & Classification Report – Accuracy score- 76% | Attached below |
| 2. | Tune the Model | Hyperparameter Tuning – GridSearchCV Validation Method – GridSearchCV, XGBClassifier  Accuracy score- 77.97% | Attached below |

**Screenshots:**

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