A white background with black and white clouds

Description automatically generated

|  |  |
| --- | --- |
| Date | 15 March 2024 |
| Team id | SWUID20240034764 |
| Project title | Predicting Full Load Electrical Power Output of a Base Load Operated Combined Cycle Power Plant 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.

A screenshot of a phone

Description automatically generated



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Model Validation and Evaluation Report:**

|  |  |  |  |
| --- | --- | --- | --- |
| model | Classification report | accuracy | Prediction matrix |
| Lr model |  | 95 |  |
| Dt model |  | 90 |  |
| Rf model |  | 94 |  |