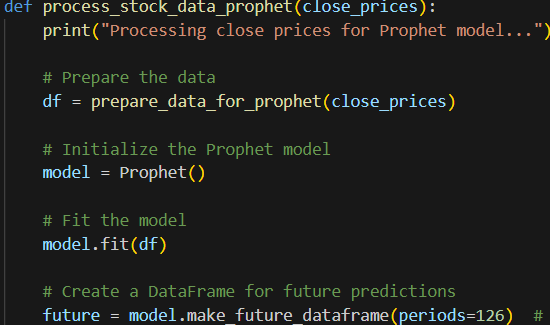
Model Development Phase Template

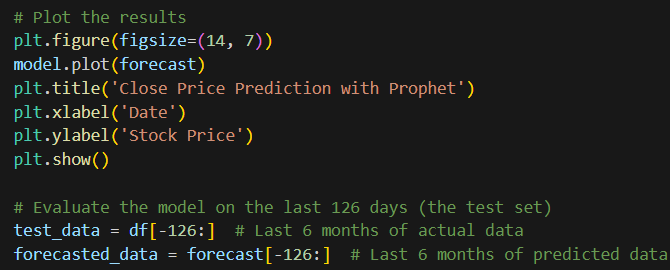
|  |  |
| --- | --- |
| Date | 03 October 2024 |
| Team ID | LTVIP2024TMID24963 |
| Project Title | Time Series Analysis For Bitcoin Price Prediction Using Prophet |
| Maximum Marks | 4 Marks |

# 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** | **F1**  **Scor e** | **Confusion Matrix** |
| Random Forest |  | 98% |  |
| Decision  Tree |  | 88% | Confusion Matrix:  [[ 299 13]    [[ 23 199] |