README - Tata Steels Machine Failure Prediction

Tata Steels Machine Failure Prediction

Project Overview
This project enhances predictive maintenance in steel manufacturing usin

Dataset
- Features include temperature, pressure, rotational speed.
- Data preprocessing includes missing value handling, feature scaling, and

Models Used
- RandomForest
- Support Vector Machine (SVM)

Performance Metrics
- Accuracy

How to Run
1. Clone the repository:
   ```bash
   git clone https://github.com/yourusername/tata-steels-failure-prediction.g
   ```
2. Navigate to the project directory:
   ```bash
   cd tata-steels-failure-prediction
   ```
3. Install dependencies:
   ```bash
   pip install -r requirements.txt
   ```
4. Run the Jupyter Notebook:
   ```bash
   ```

jupyter notebook Tata_Steels.ipynb
```

Contribution
- **Sai Venkata Sri Harsha Donga**

License
This project is licensed under the MIT License.