**MODEL DESCRIPTION**

**Cluster different AC units based on their maintenance patterns and conditions to identify common maintenance needs or predict maintenance frequency for new units.**

**CLASSIFIERS**

**Logistic regression, SVM, SVM with stacking, XGBoosting**

**DATASET**

[Split type Air conditioner](file:///E:\created%20dataset.xlsx)

**CODE AND RESULTS**

[Code and Results](https://colab.research.google.com/drive/1RNw40K0_1M5eRE08PV8VMmE9nyamZ65E?usp=sharing)

**RESEARCH PAPERS**

**RESEARCH PAPER** Machine Learning approach for Predictive

Maintenance in Industry 4.0

**RESEARCH PAPER** Machine Learning for Predictive Maintenance:

a Multiple Classifier Approach

**RESEARCH PAPER** PREDICTIVE MAINTENANCE AND MONITORING OF INDUSTRIAL MACHINE

USING MACHINE LEARNING

**RESEARCH PAPER** Machine Learning Approach to Predictive

Maintenance in Manufacturing Industry - A Comparative

**RESEARCH PAPER** A Two-Phase Machine Learning Approach for Predictive

Maintenance of Low Voltage Industrial Motors

**RESEARCH PAPER** Optimizing Industrial Operations: A Data-Driven

Approach to Predictive Maintenance through

Machine Learning

**RESEARCH PAPER** Improving rail network velocity: A machine learning approach

to predictive maintenance

**RESEARCH PAPER** MachineLearningApproaches

forFailureTypeDetectionand

PredictiveMaintenance