Consider the dataset at link:

<https://www.kaggle.com/datasets/stephanmatzka/predictive-maintenance-dataset-ai4i-2020>

Determine the response variable by reading the description and apply the following algorithms with hyper-parameters of your choice: (You can ignore any of the features in case you think those are not needed)

1. Logistic Regression
2. SVM – Linear
3. SVM – RBF
4. Decision Tree Classifier
5. Voting Classifier

Tune your models on F1 -score with positive label, you think as important.

With the best model from the above do the inferencing on the dataset unlabelled\_data.csv.