**Smart Gen Set**

**Engine Speed Anomaly Detection**

**Algorithm used:** One-Class SVM.

A One-Class Support Vector Machine is an unsupervised learning algorithm which learns the boundaries of the data points and is therefore able to classify any points that lie outside the boundary as outliers.

**Input Parameters:** Engine Speed of a Generator in RPM.

Ideal Range is 1500 RPM to 3600 RPM

**Output:** Pickle file of the model is made using the training data which can predict Anomaly in the Engine Speed.