Abstract

In this paper, various statistical methods useful in analyzing data generated by power stations are presented. Power stations like hydroelectric, nuclear or thermal etc. have a number of machines that work together and produce energy. Data collected from the sensors of these machines is used for measuring efficiency and performance of particular machines.

References


**Index Terms**

Computer Science  Artifcial Intelligence

**Keywords**

Classification, Machine Learning, Confidence Interval, Imbalanced data, SMOTE, Cost Matrix, ROSE, Precision, AUC.