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

2. Will, Todd (1999)“Introduction to the Singular Value Decomposition” Davidson College. www.davidson.edu/academic/math/will/svd/index.html
Applying Machine Learning to Imbalanced Sensor Data


Index Terms

Computer Science

Artificial Intelligence

Keywords

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