Introduction of a new Metric Hit Rate and its Variation with Scaling on Classification Algorithms

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Abstract

This paper aims to introduce a new metric Hit Rate and how it is affected by the introduction of Scaling and also how does scaling effects accuracy of different algorithms and is not always beneficial. To reach our results we have used Python's Machine Learning Library Scikit-learn which is widely popular and to further validate our findings we have taken to completely different datasets from UCI Machine Learning repository.

References


Index Terms

Computer Science
Algorithms

Keywords

Hit Rate, KNN, Scikit