Abstract

The application area of technology is expanding the span of information size is also additionally increases. Classification gets to be troublesome in view of unbounded size and imbalance nature of data. Class imbalance where one of the two classes having more sample than other years. There are typical strategies for an imbalance data set which is zoned into three main categories, the algorithmic methodology, data pre-processing approach and feature selection approach. In this paper every methodology is characterize which gives the right bearing for exploration in the class imbalance problem. This Paper also examines the three basic divisions of class Imbalance learning like data-preprocessing, the algorithmic approach, and feature selection approach.

References


18. Wang S, Minku LL, Yao X. A learning framework for online class imbalance learning. In:
IEEE Symposium on Computational Intelligence and Ensemble Learning (CIEL). 2013. p. 36-45.


**Index Terms**

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**Keywords**

Machine learning, Imbalanced Data, Binary Classification, Multiclass Classification, Dynamic Sampling