A Semi-Supervised Technique for Weather Condition Prediction using DBSCAN and KNN

Abstract

Weather condition prediction has always been a keen area of interest among researchers and climate change prediction experts. Due to gradual changes in the atmospheric and climatic conditions the appropriate prediction task has become a formidable challenge. In this paper we propose a semi-supervised weather prediction technique to validate the predictions done for certain atmospheric parameters taken for four years on a day wise basis in a certain city. The experimental outcomes of this work show that this semi-supervised technique provides appropriate results and can be used for weather condition prediction & analysis.

References

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