Abstract

Hashtags are one of the trendiest methods to label content on the internet. They are used to cluster data which in turn, results in its easier retrieval. Twitter is the main source from where the use of hashtags rocketed [1]. With the generation of large amounts of microposts, there is a need for effective categorization and search of the data. In this paper, we aim to propose a new method of recommending hashtags for a given message in a tweet so that hashtags can be effectively used by both data analysts and common users of the twitter platform. We will use various machine learning and deep learning concepts, and later combine them all together in one model to obtain a set of relevant hashtags for tweets fetched at real time. The results obtained by this new model resulted in far better recommendation than when each of the models were implemented separately.

References

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Index Terms

Computer Science

Information Sciences

Keywords

Naive Bayes, Support Vector Machine, Artificial Neural Network, Machine Learning