



HYBRIDIZED MODEL FOR EFFICIENT MATCHING AND DATA PREDICTION IN INFORMATION RETRIEVAL

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ABSTRACT

Information Retrieval (IR) has become a topic of great interest with the advent of text search engines on the Internet. Retrieving information from large databases can sometimes be very difficult and may tend to be very slow. This is especially so when there is need to manage these data or documents. This is because databases contain millions of documents in myriad subject areas. This is why information retrieval (IR) is very important. An IR systems matches user queries to documents stored in a database. Despite all these efforts, retrieving documents and texts is still problematic as none has been fully efficient in terms of speed. In this research work, we combined two known techniques of information retrieval: K-nearest neighbor (KNN) and Support Vector Machine (SVM) to mine and retrieve information more efficiently. We are going to compare our results with other results and see how efficiently our model is over the other models.

Keywords: Information Retrieval, query.