POS Tagging of Gujarati Text using VITERBI and SVM

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Abstract

Grammatical feature (POS) Labeling is a testing undertaking to distinguish the significance of each word in a sentence. This paper shows the assignment of distinguishing Grammatical form TAG for each transform in a Guajarati sentence utilizing the system of support Vector Machine and Viterbi deciphering method. Guajarati corpus of 1700 words is taken and tried it precisely. Labeling is done utilizing Viterbi and SVM and the outcome is examined in four classifications. In every one of the classifications Viterbi based method gives much better correctness’s.

References


Index Terms

Computer Science

Algorithms
Keywords

SVM, Tagged Corpus, BISTag set, Viterbi.