Abstract

The aim of the authorship attribution is identification of the author/s of unknown document(s). Every author has a unique style of writing pattern. The present paper identifies the unique style of an author(s) using lexical stylometric features. The lexical feature vectors of various authors are used in the supervised machine learning algorithms for predicting the unknown document. The highest average accuracy achieved is 97.22 using SVM algorithm.

References


**Index Terms**

Computer Science

Information Sciences

**Keywords**

Style based Classification; Lexical features; Function words/Stop words; Authorship Attribution/Profiling;