An Insight into Word Sense Disambiguation Techniques

Abstract

This paper presents various techniques used in the area of Word Sense Disambiguation (WSD). There are a number of techniques such as: Knowledge based approaches, which use the knowledge encoded in Lexical resources; Supervised Machine Learning methods in which the classifier is made to learn from previously semantically annotated corpus; Unsupervised approaches that form cluster occurrences of words. Then there are also semi supervised approaches which use semi annotated corpus as reference data along with unlabeled data.

References

- Yarowsky D. Word sense disambiguation using statistical models of Roget’s


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Index Terms

Computer Science
Information Sciences

Keywords

Word Sense Disambiguation  Natural Language Processing  WordNet  supervised
unsupervised
semi-supervised.