

Why Mine Word Associations?

- They are useful for improving accuracy of many NLP tasks
 - POS tagging, parsing, entity recognition, acronym expansion
 - Grammar learning
- They are directly useful for many applications in text retrieval and mining
 - Text retrieval (e.g., use word associations to suggest a variation of a query)
 - Automatic construction of topic map for browsing: words as nodes and associations as edges
 - Compare and summarize opinions (e.g., what words are most strongly associated with “battery” in positive and negative reviews about iPhone 6, respectively?)