

Word Embeddings
analogies, cosine similarity
Skip-gram vs CBOW (continuous bag-of-words): word 2 ver target -> context -> target
softmax's computational speed problem -> hierarchical softmax
negative sampling (adding negative pairs to a matching)
Etlove (global vectors for word representation)
* LSAClatest sematic analysis)
- captures word-word co-camerance
- minimizes Exf(xij)(djej + bi+bj-logxij)
weighting symmetric! t co-occurrence probability. term in case Xij=0 \ veight weight (e.g. stopwords U)
this also=0 e(final) = ew+Ow
debiasing
Beam search
- In generating sequence, pather than greedy search, consider top N words
HI rength normalization
D P(···) → logP(···) better retain thy numbers
(2) Fa [) add penalty for shorter centence (a is parameter).
- 13 pt - 3147
- larger beam: width: bester result but slower (no optima quarenteed).
- larger beam: width: bester result but slower (no optima quaranteed). BLEU (bilingual evaluation understudy) score