Where do we need that?
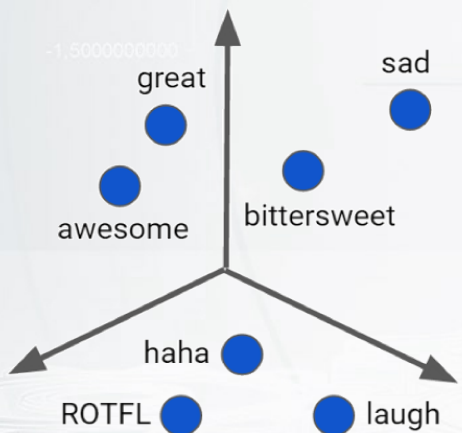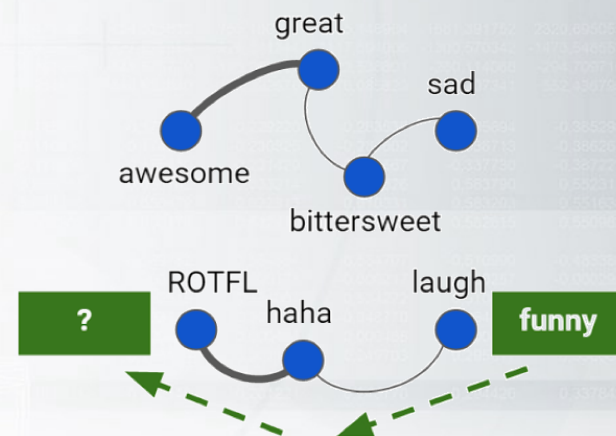
- Search, question answering, and any ranking
- Any label propagation on a word similarity graph

Word Embedding Vectors (dense, continuous space)

Word Similarity Graph

Learning Emotion Labels

https://research.googleblog.com/2016/10/graph-powered-machine-learning-at-google.html