A Word Embedding is a vector representation of a word which captures its semantic and syntactic meaning. It allows a computer to understand how similar or different a word is to others. There are a number of models that allow us to obtain these vector representations. One such model is word2vec. It provides two ways to obtain the said representations: the Continuous Bag-of-Words model (CBOW), which predicts a word given the context, and the Skip-Gram model, which predicts the context given the word. CBOW generally performs better over smaller datasets, while Skip-Gram tends to give better results on larger datasets. GloVe, short for Global Vectors for Word Representation