

Lesson 39: Word Embeddings

Data Science with Python – BSc Course

45 Minutes

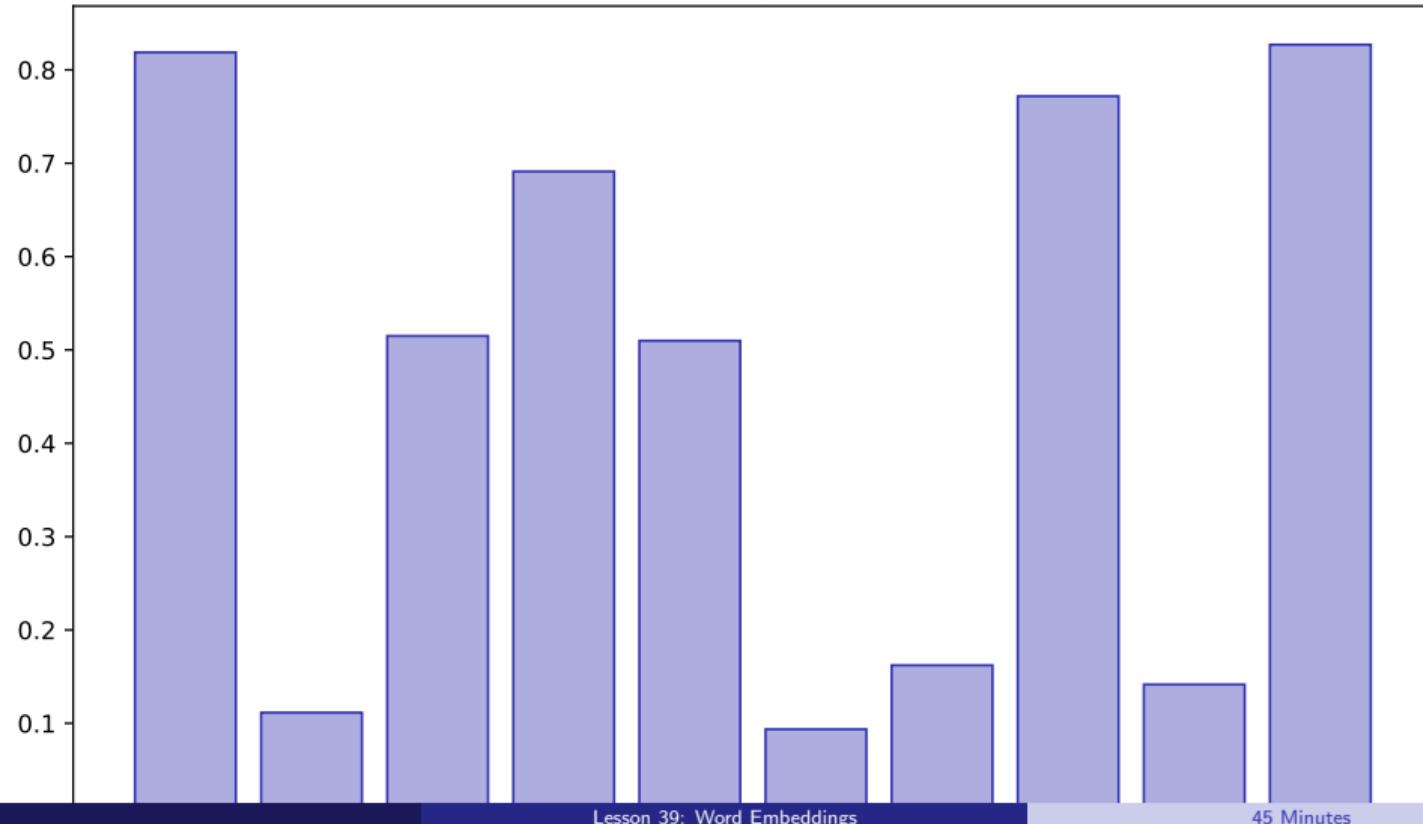
Learning Objectives

After this lesson, you will be able to:

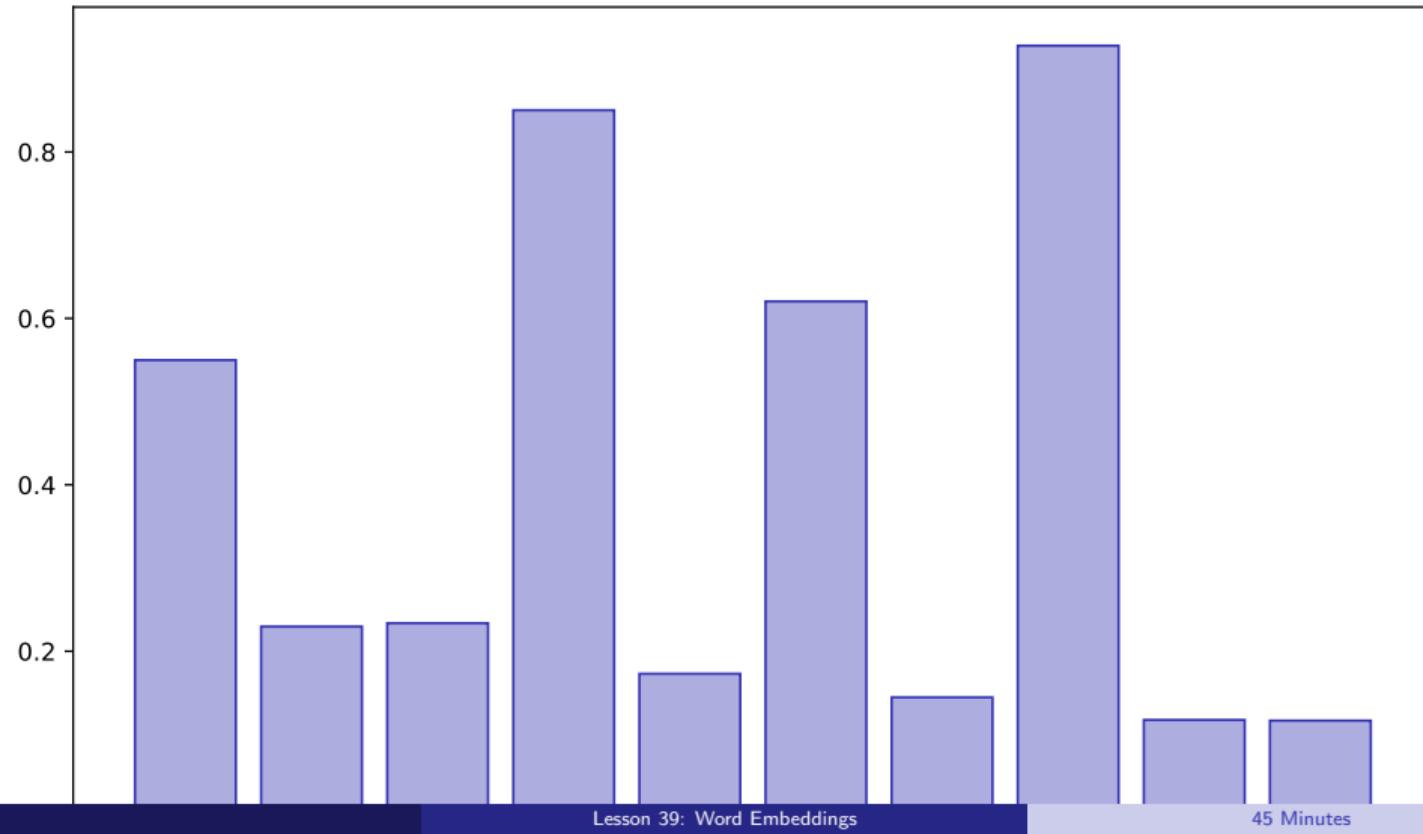
- Understand word vectors
- Use pre-trained Word2Vec
- Find similar words
- Create document embeddings

Building towards your final project

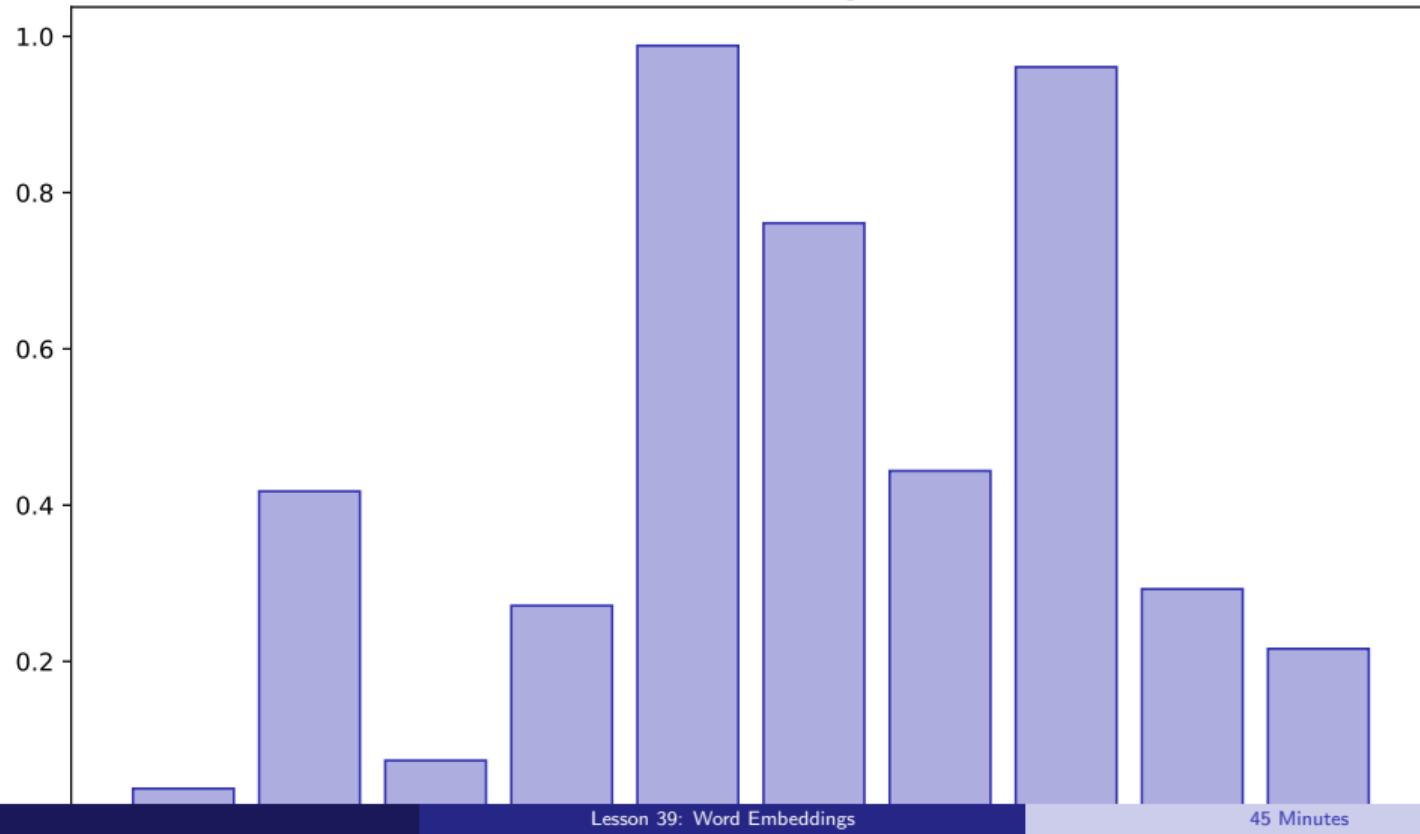
Embedding Concept



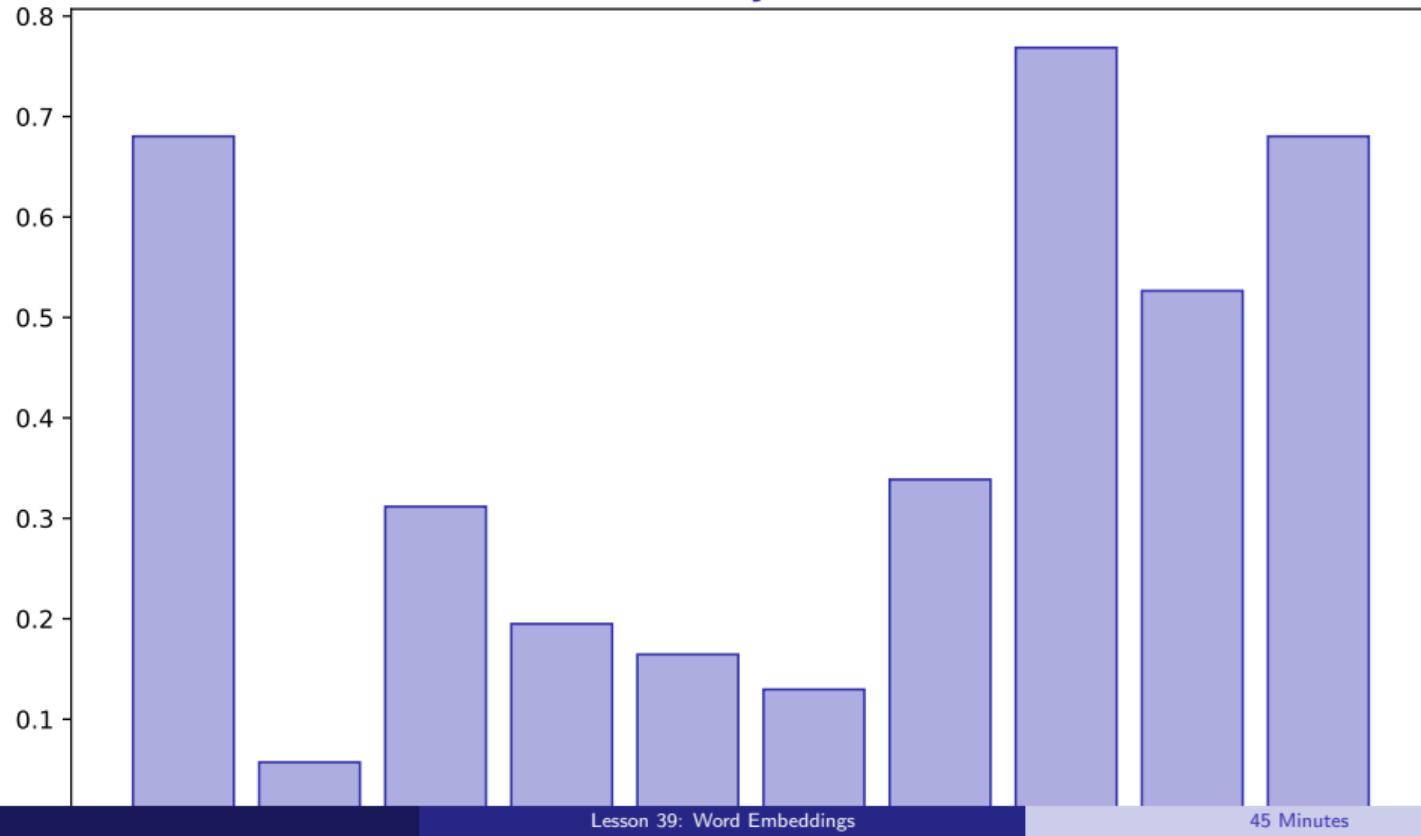
Word2Vec



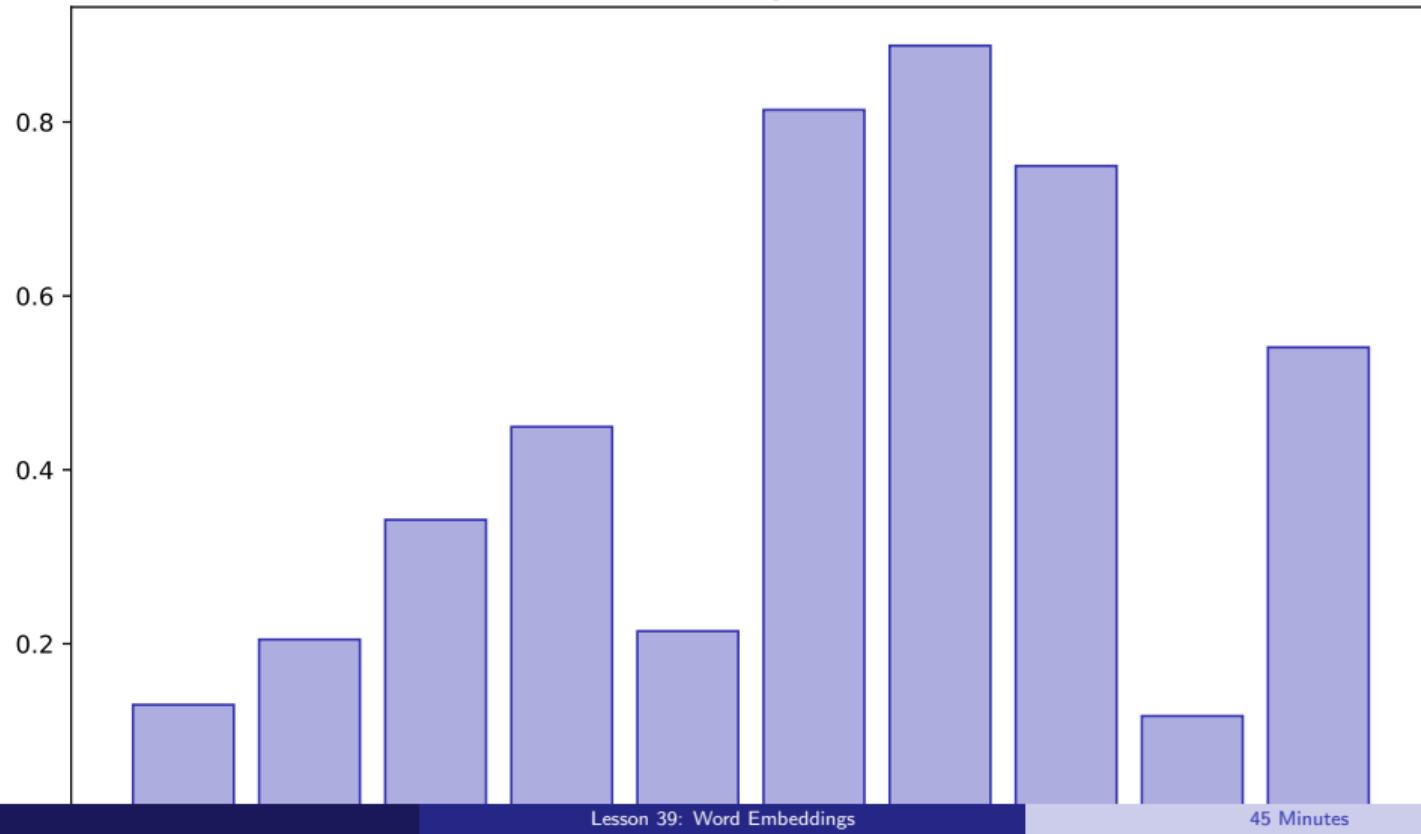
Gensim Usage



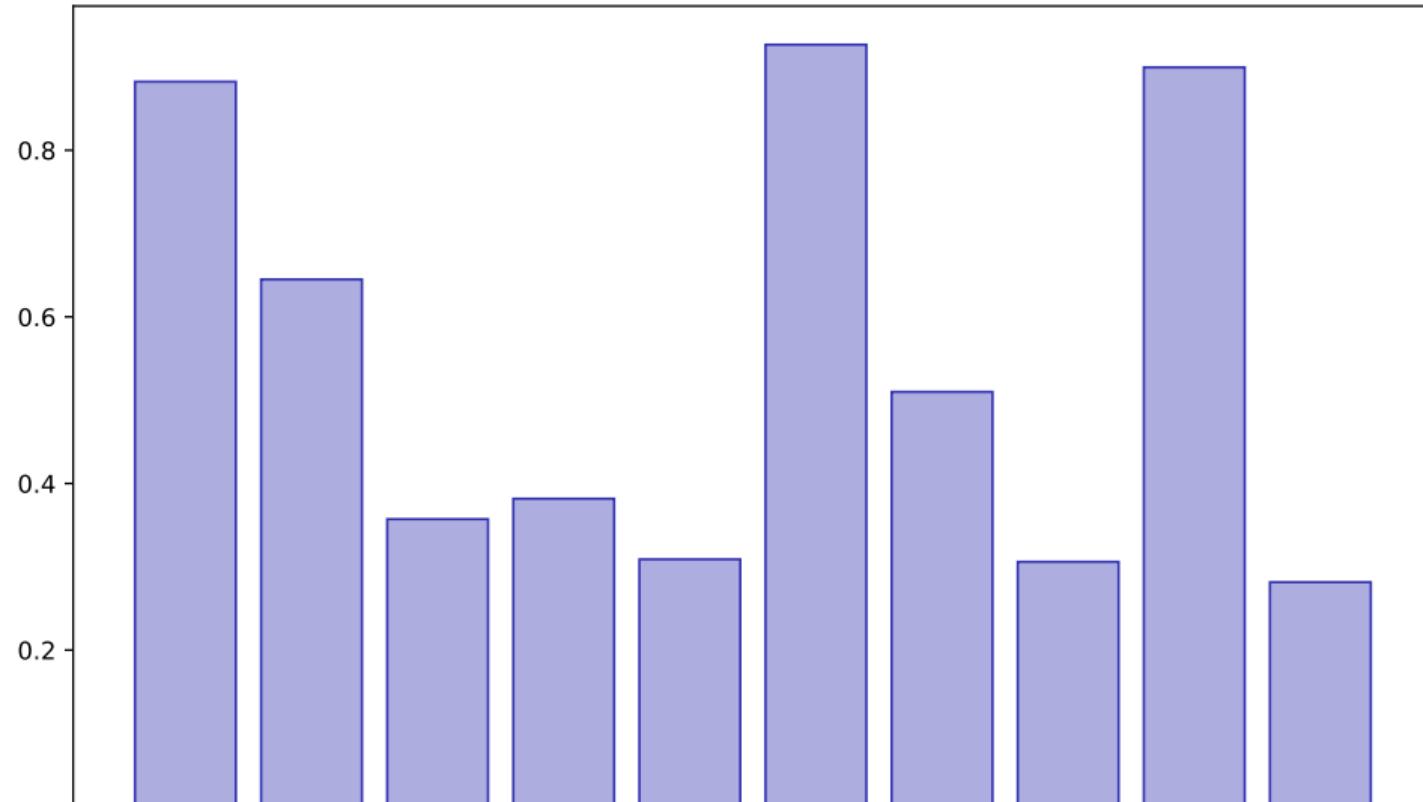
Similarity Search



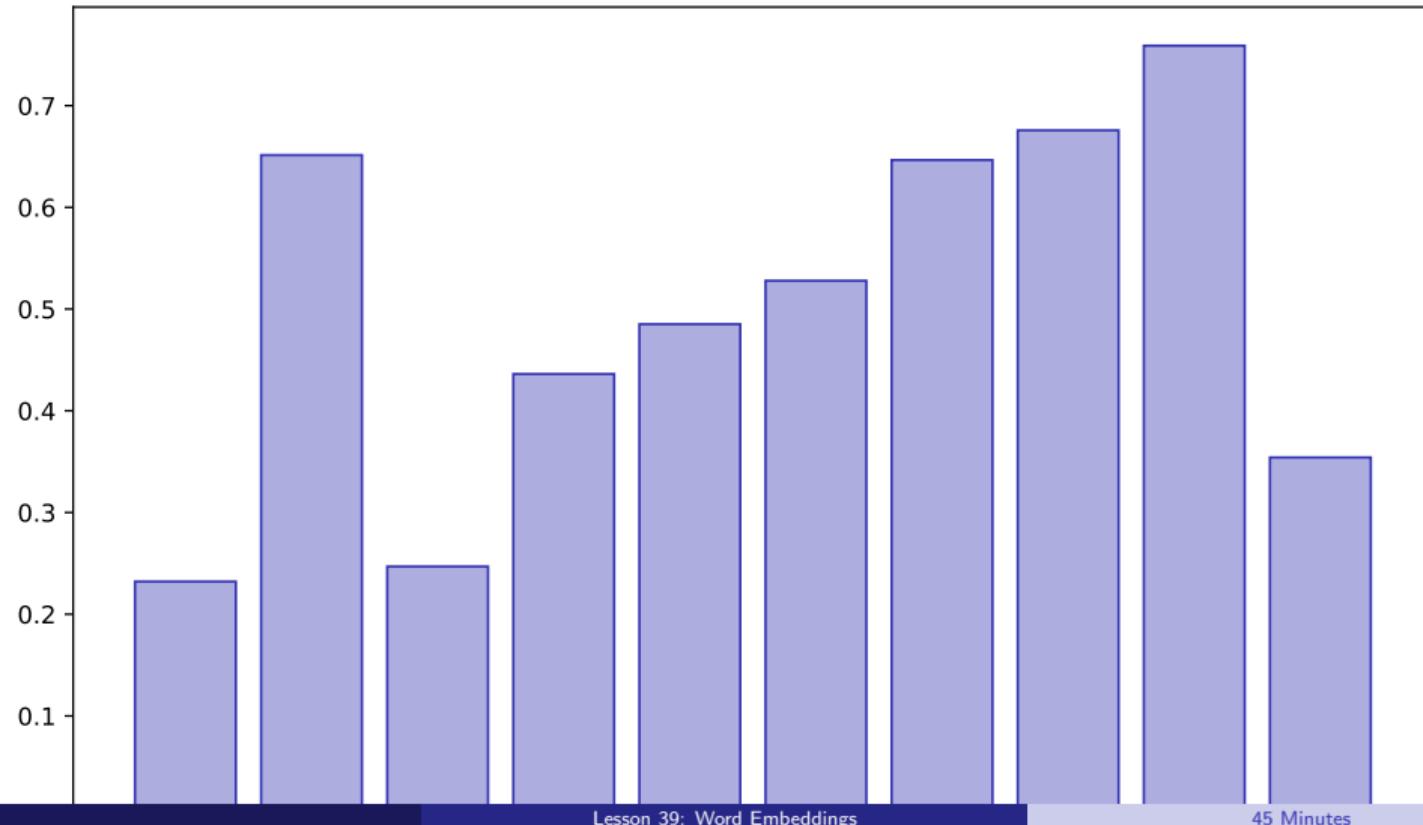
Analogies



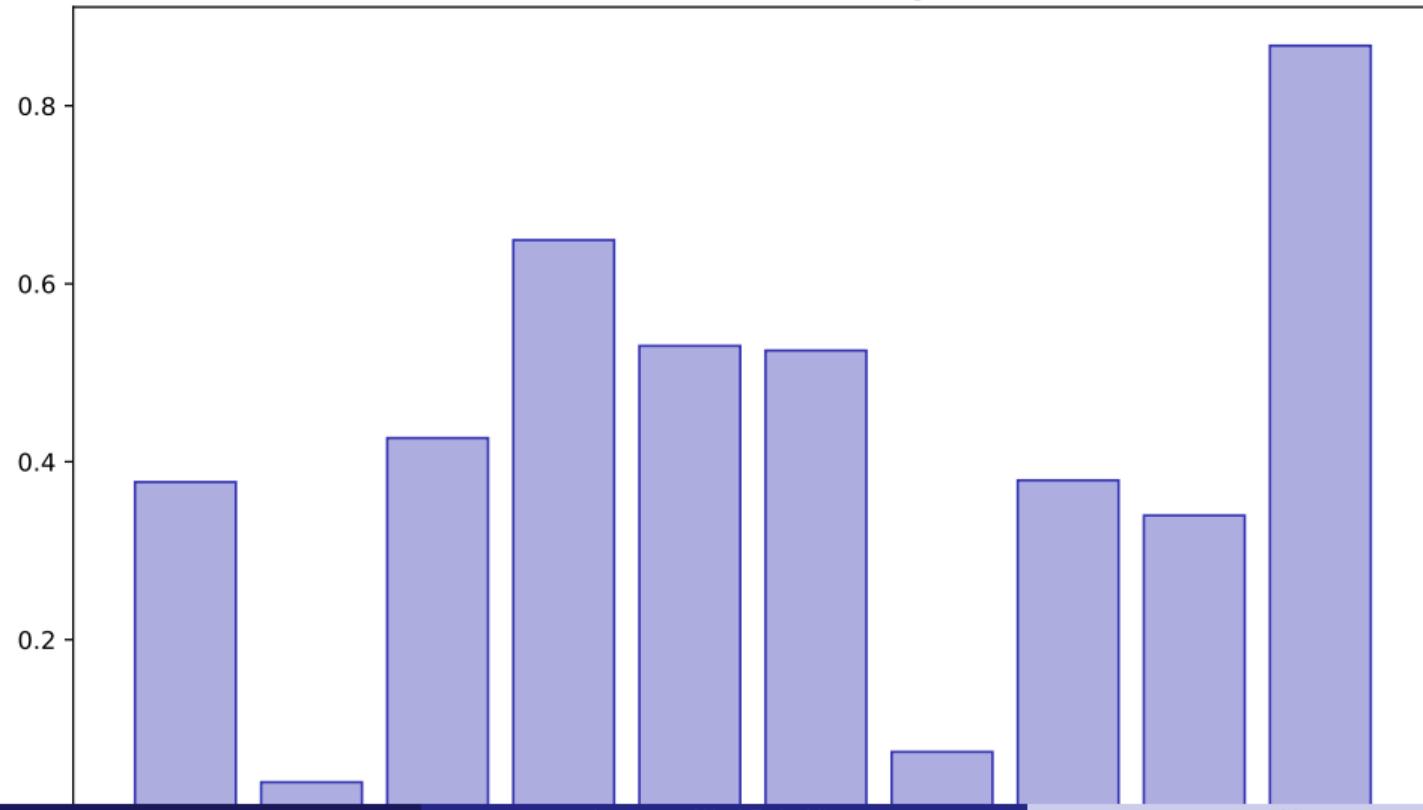
Document Vectors



Pretrained Models



Finance Embeddings



Lesson Summary

Key Takeaways:

- Understand word vectors
- Use pre-trained Word2Vec
- Find similar words
- Create document embeddings

Apply these skills in your final project