

≡ Hide menu

Lecture: Word Embeddings

✓ Video: Week Introduction
1 min

▶ Video: Overview
2 min

📖 Reading: Overview

▶ Video: Basic Word Representations
3 min

📖 Reading: Basic Word Representations
5 min

▶ Video: Word Embeddings
3 min

📖 Reading: Word Embeddings
4 min

▶ Video: How to Create Word Embeddings
3 min

📖 Reading: How to Create Word Embeddings?
4 min

▶ Video: Word Embedding Methods
3 min

📖 Reading: Word Embedding Methods
4 min

▶ Video: Continuous Bag-of-Words Model
4 min

📖 Reading: Continuous Bag of Words Model
3 min

▶ Video: Cleaning and Tokenization
4 min

📖 Reading: Cleaning and Tokenization
5 min

🏠 > Week 4 > Overview

Overview

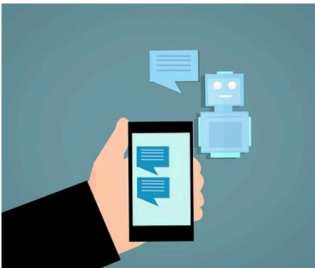
Word embeddings are used in most NLP applications. Whenever you are dealing with text, you first have to find a way to encode the words as numbers. Word embedding are a very common technique that allows you to do so. Here are a few applications of word embeddings that you should be able to implement by the time you complete the specialization.



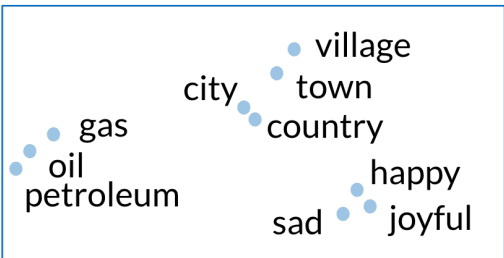
Machine translation



Information extraction



Question answering



Semantic analogies and similarity



Sentiment analysis



Classification of customer feedback

By the end of this week you will be able to:

- Identify the key concepts of word representations
- Generate word embeddings
- Prepare text for machine learning
- Implement the continuous bag-of-words model

Mark as completed

< Previous Next >

