

Introduction

- Named Entity Recognition (NER)
 - Classification problem
- How to represent input words in a meaningful way?
 - Task-specific embeddings (trained on NER objective)
 - Static word embeddings (word2vec, GloVe, fastText, BytePair)
 - Contextualized embeddings (from pretrained language model)

Ghent University ORG

is a public research university located in

Ghent GPE

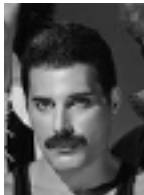
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Belgium GPE

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Queen

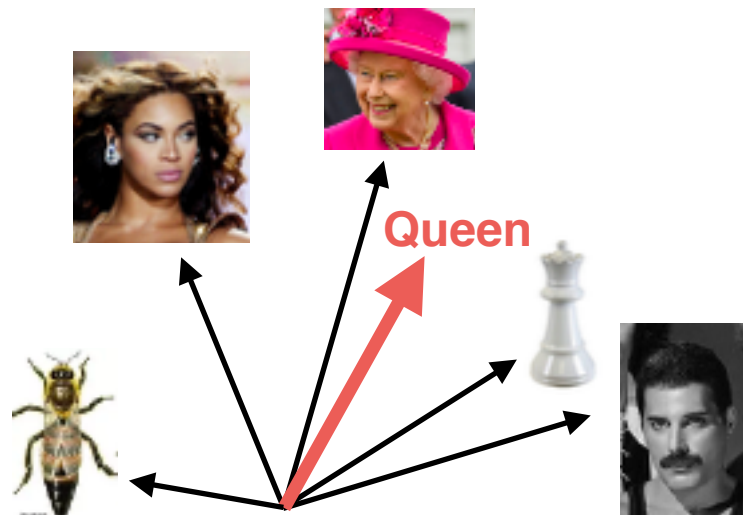


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Contextualized word vectors

2018: the ImageNet moment in NLP

- ULMfit, ELMo, GPT, Flair, BERT

