## Introduction to stemming

- Stemming reduces words to their root form
  - E.g. loved  $\rightarrow$  love and drinking  $\rightarrow$  drink
- Not all words are stemmed to valid words
  - That's actually by design



## Introduction to stop words

- Words that are filtered out during text analysis
  - Common words such as "a", "the", "at", "of", "on", etc.
- They provide little to no value for relevance scoring
- Fairly common to remove such words
  - Less common in Elasticsearch today than in the past
    - The relevance algorithm has been improved significantly
- Not removed by default, and I generally don't recommend doing so

