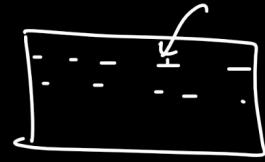


## Stop words

"Stop words in NLP are commonly used words that are often filtered out from text data because they carry little or no meaningful information"



Articles: a, an, the

Prepositions: in, on, at, by

Conjunctions: and, but, or

Pronouns: he, she, the, it

~~The~~ cat ~~is~~ ~~on~~ ~~the~~ mat → Cat Mat → f

① Reduce the Noise

② improve the efficiency → reduce the dimensionality  
of dataset / number of features

③ Enhances / focus on key  
words

④ If you're not removing stop words  
generate skewed results