

Beyond Word Count

Looking at meaning with
Python Natural Language Toolkit

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Using NLTK



Follow along at bit.ly/2tlqYah





NLTK – what can you do?

- Grammar
- Tagging
- Parsing
- Statistics
- **Semantics**
- Classification
- Tokenization
- and more...

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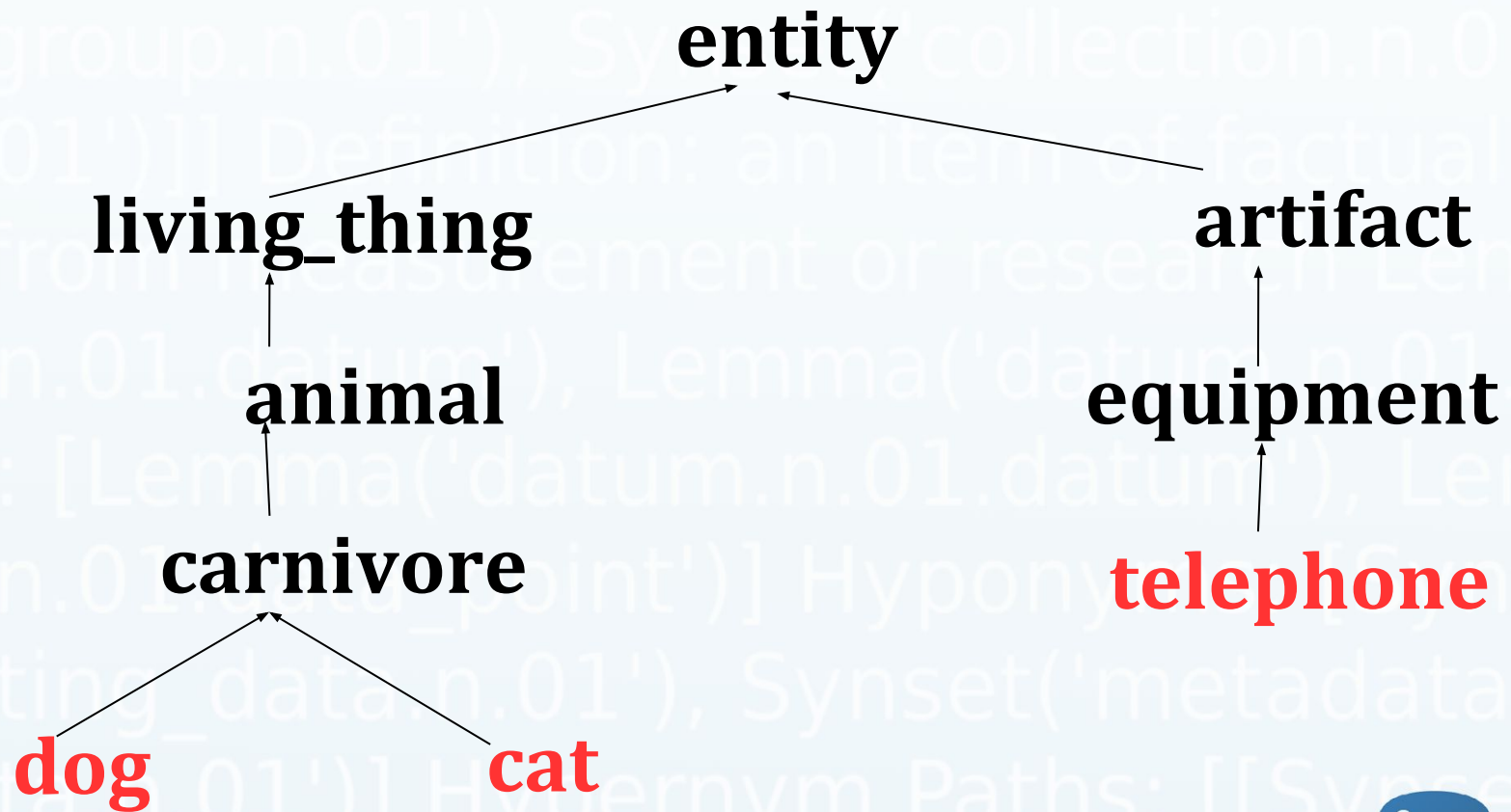
The meaning of a bucket



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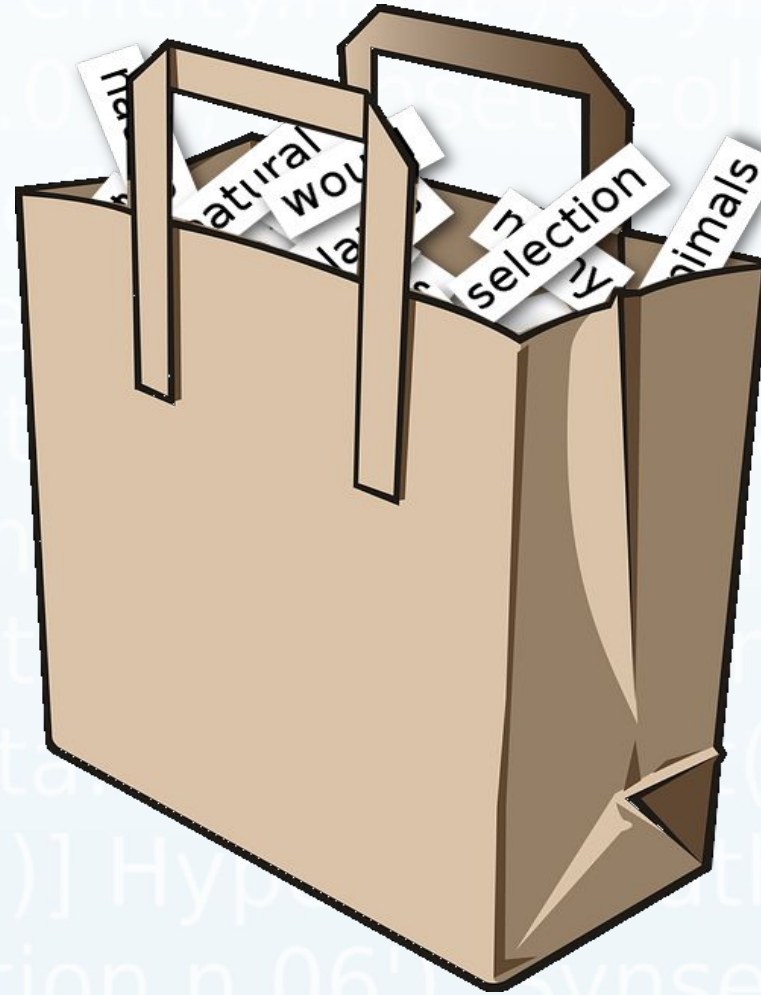
Measuring Similarity



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A bag of words



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Looking for a word that isn't there

At the Zoo

by A. A. Milne

There are lions and roaring tigers,
and enormous camels and things,

There are biffalo buffalo bisons,
and a great big bear with wings.

There's a sort of a tiny potamus,
and a tiny nosserus too -

But I gave buns to the elephant
when I went down to the Zoo!

0% of this text *says*
"animal"

14% of this text is
about animals

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Where to now?

<https://www.nltk.org/book/>

