

Master in Data Science

Wordnet
similarities
Part 1

Wordnet
similarities
Part 2

Wordnet
similarities
Part 3

Mining Unstructured Data

Outline

Wordnet
similarities
Part 1

1 Wordnet similarities Part 1

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2 Wordnet similarities Part 2

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3 Wordnet similarities Part 3

Part1: Installing libraries and requirements

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- **Review libraries** - understand what libraries and which requirements are required and why
- **Review the wordnet attribute table** - understand the attributes, their definitions and review code examples.
- **Examples** - for each attribute, read the examples so that in the next parts you can look for the other samples
- **Study the reference** look for the reference link (click here) and the rest of the attributes

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Part2: Word synsets and relations

- [follow the codes on part2](#) - You will work with the meaning of synset and synsets
- [synset_info\(\) function](#) - review the function and with the help of attribute table, complete it
- [Practice it with more words](#) - Practice it with the word 'cat' and then whatever other word you prefer!
- [Explore hypernyms and hyponyms](#) - Follow the codes to complete TODO part for hypernyms, then write the hyponym function
- [Explore lemmas and different languages](#) - Try to produce lemmas in different languages, practice with synonyms and antonyms of the words

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Part 3 : Document similarity with wordnet synsets

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- **Document similarity function** - Try to understand and run the function.
- **Try the function with more examples** - try to run it with more sentences, does it work for a bigger text?