

#6 NLP

As contents this week we leave you a masterclass that Gonzalo gave in the 1st edition explaining all the basic concepts about NLP.

- Basic concepts
- NLP Workflow
- Regular expressions & word tokenization
- DOWN
- Feature Engineering

We will have an NLP session much more from the classical approach to understand the basics. It is important because with that you can solve 80% of the problems. Then we will see the architectures when solving.

Let's start with a couple of articles:

- [Get started with NLP \(Part I\)](#)
- [Get started with NLP \(Part II\): overview of an NLP workflow](#)

And Chapter 1 and Chapter 2 of the official Spacy tutorial (NLP library)

- <https://course.spacy.io/>

Looking at how the data is treated to be able to use the models we know and have seen so far, we must move to what is called a representation in word bag (BOW, Bag Of Words). To study how this representation is, we leave you the following article:

- [BOW, TF, TF-IDF, WTF???](#)

And as a complementary video we leave this talk we gave last edition:

<https://youtu.be/fl25WbtMU2s>

- Here you have the code to follow the video
<https://github.com/gonesbuyo/saturdays-ai>

Logistic Regressions:

Theory: <https://www.youtube.com/watch?v=l3jiw-N544s>

Practice: <https://www.youtube.com/watch?v=7o0SWgY89i8>