



DATALAB
MEDIALAB USAL

PyData



VNiVERSiDAD
DE SALAMANCA

CAMPUS DE EXCELENCIA INTERNACIONAL

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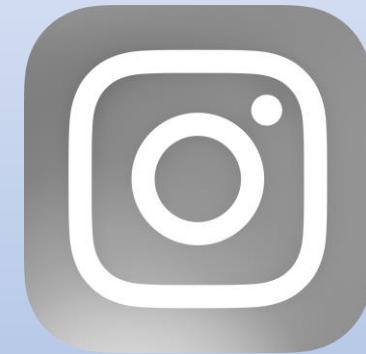


gon99martin@gmail.co

Where are we located?

c/Espejo, 2 – Edificio Multiusos I+D+i

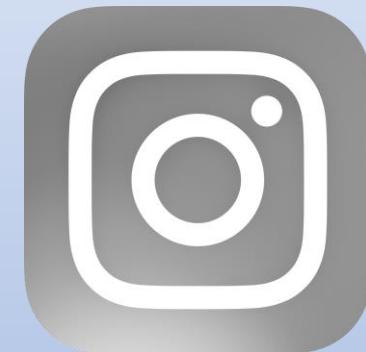




DataLabUS

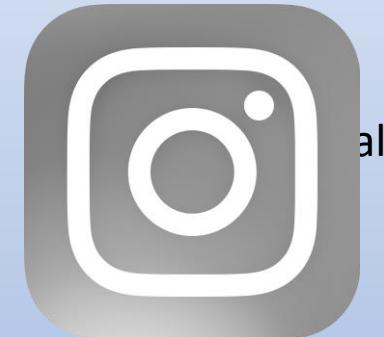
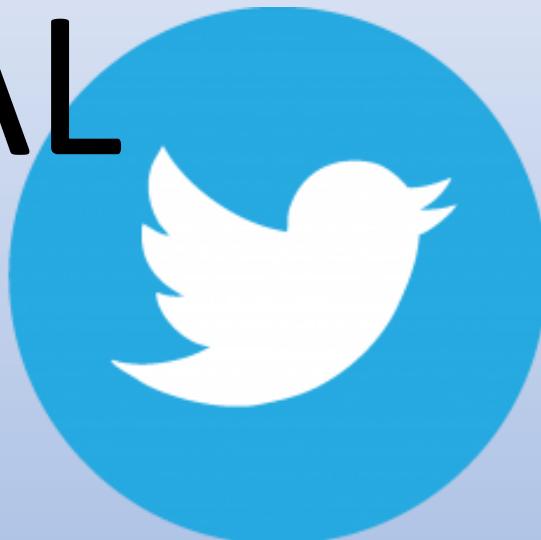


AL



@Pydatalab

USAL



@pydatalab
usal



What is DataLab?

Student interdisciplinary group oriented to data analysis and technological applications.



Why should you come to DataLab?

We give you the opportunity to take advantage of your abilities by doing investigation projects and to learn in a pleasant atmosphere.

What did we do last year?



GitHub



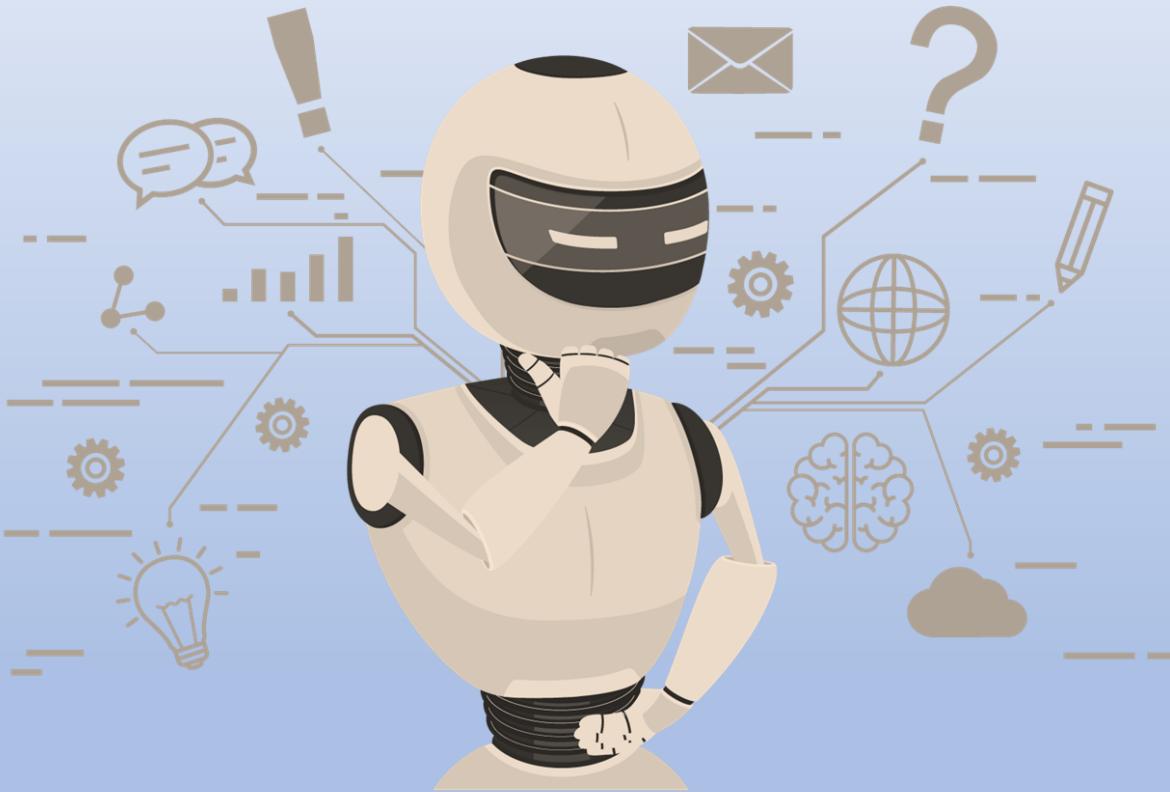
Keras



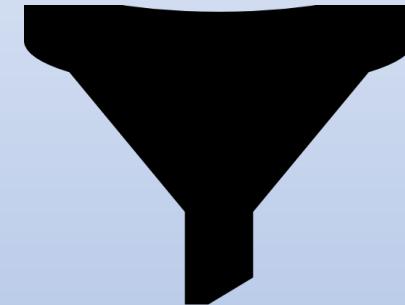
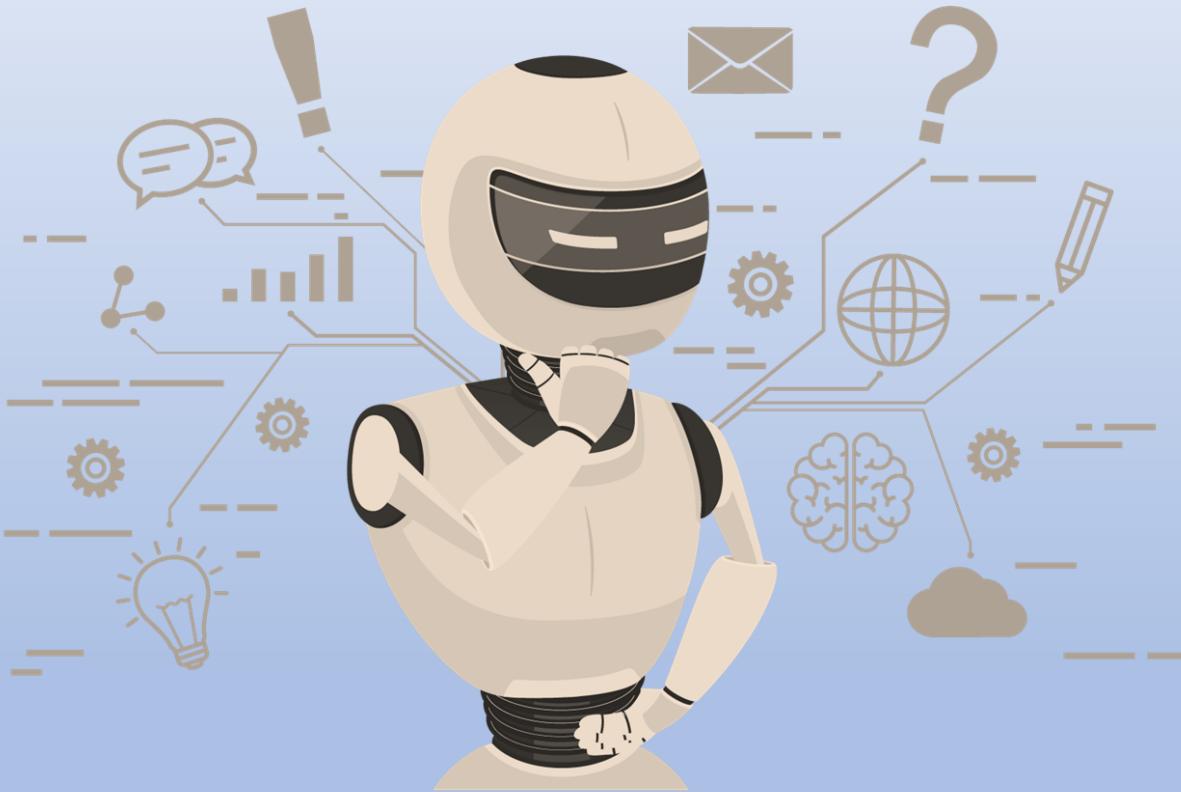
HACKFORGOOD SALAMANCA



What are our ideas for this year?



What are our ideas for this year?



What are our ideas for this year?



What are our ideas for this year?







Active learning



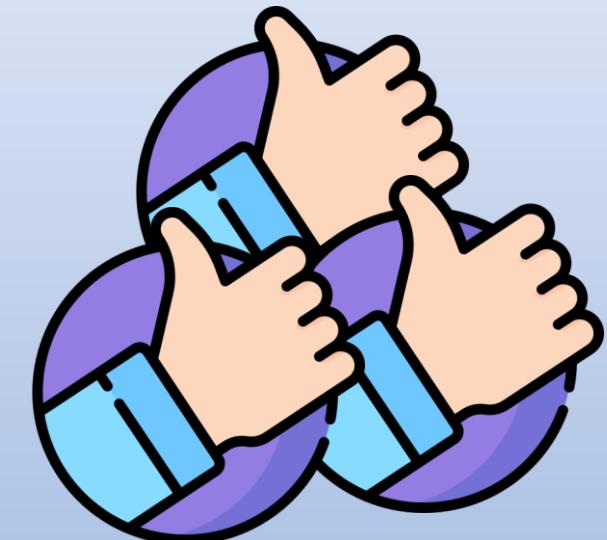
Website

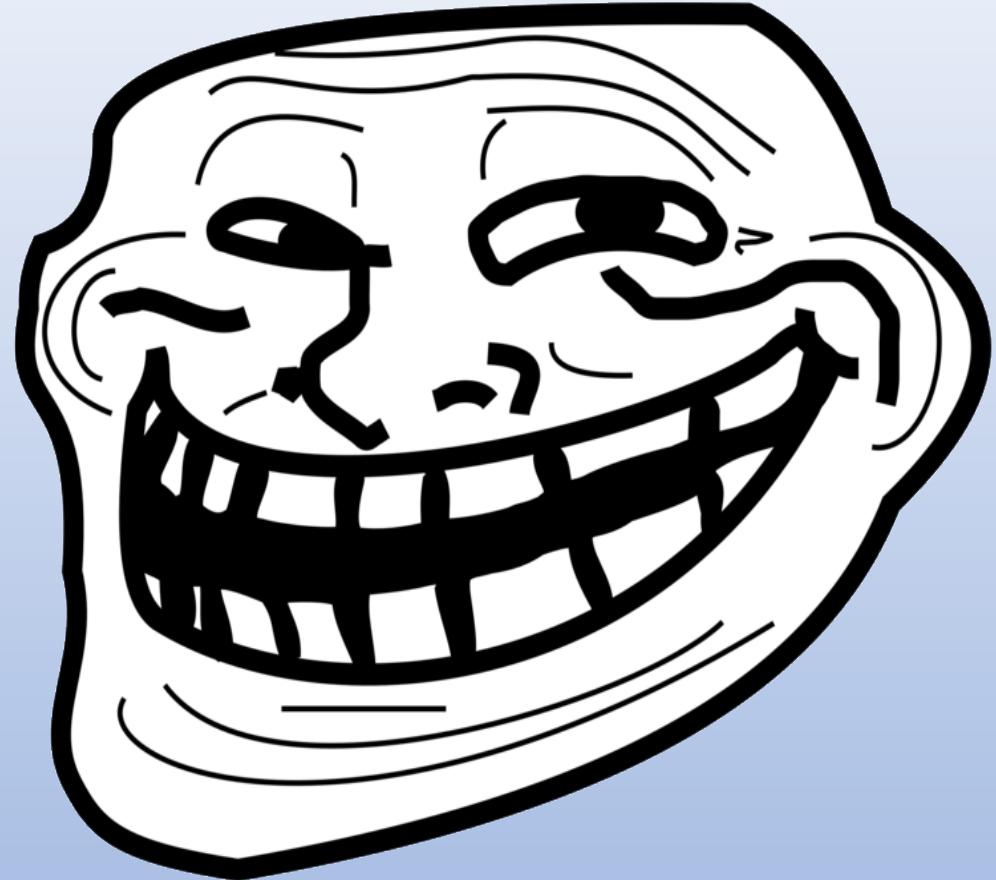


Rating

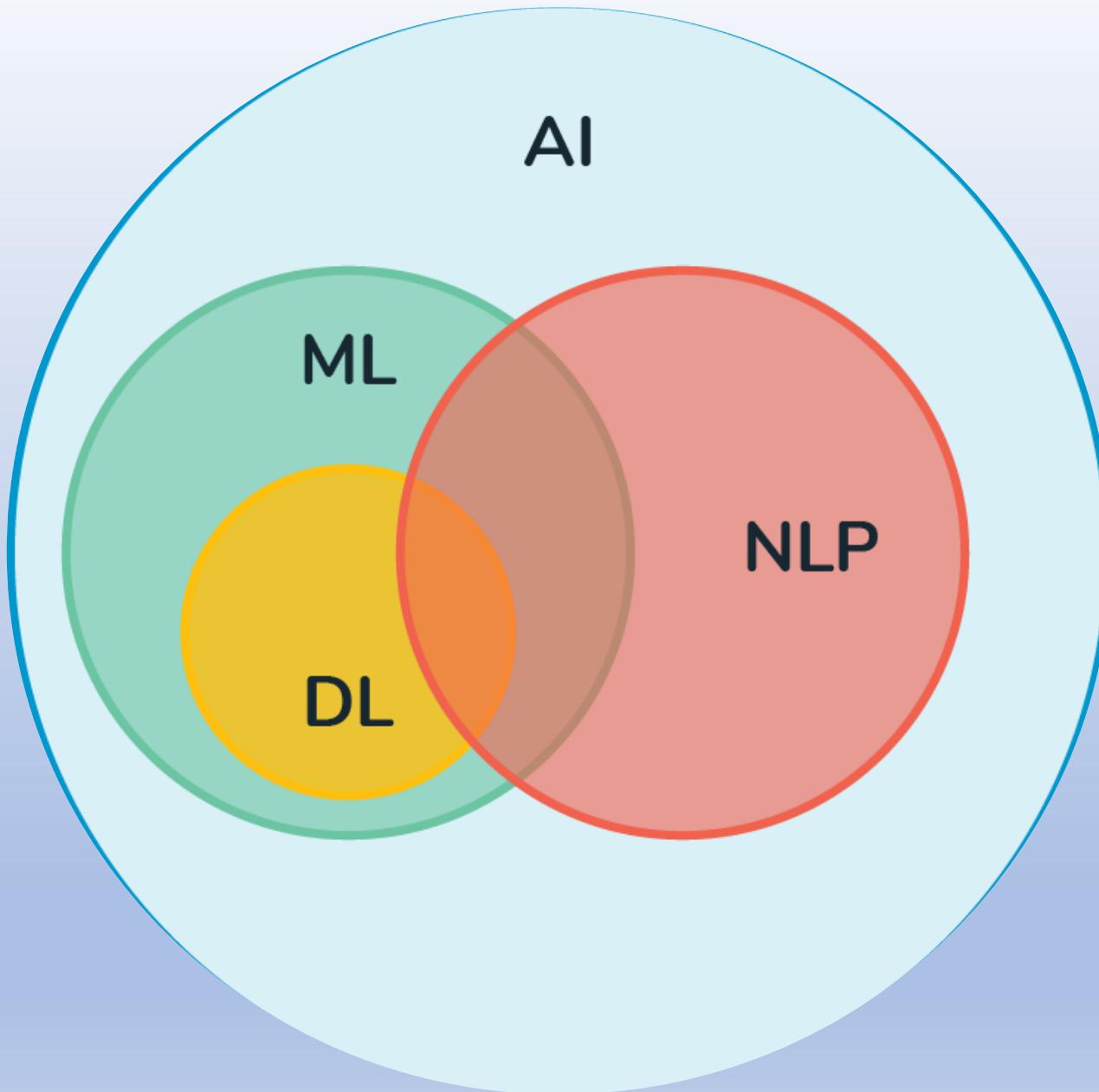


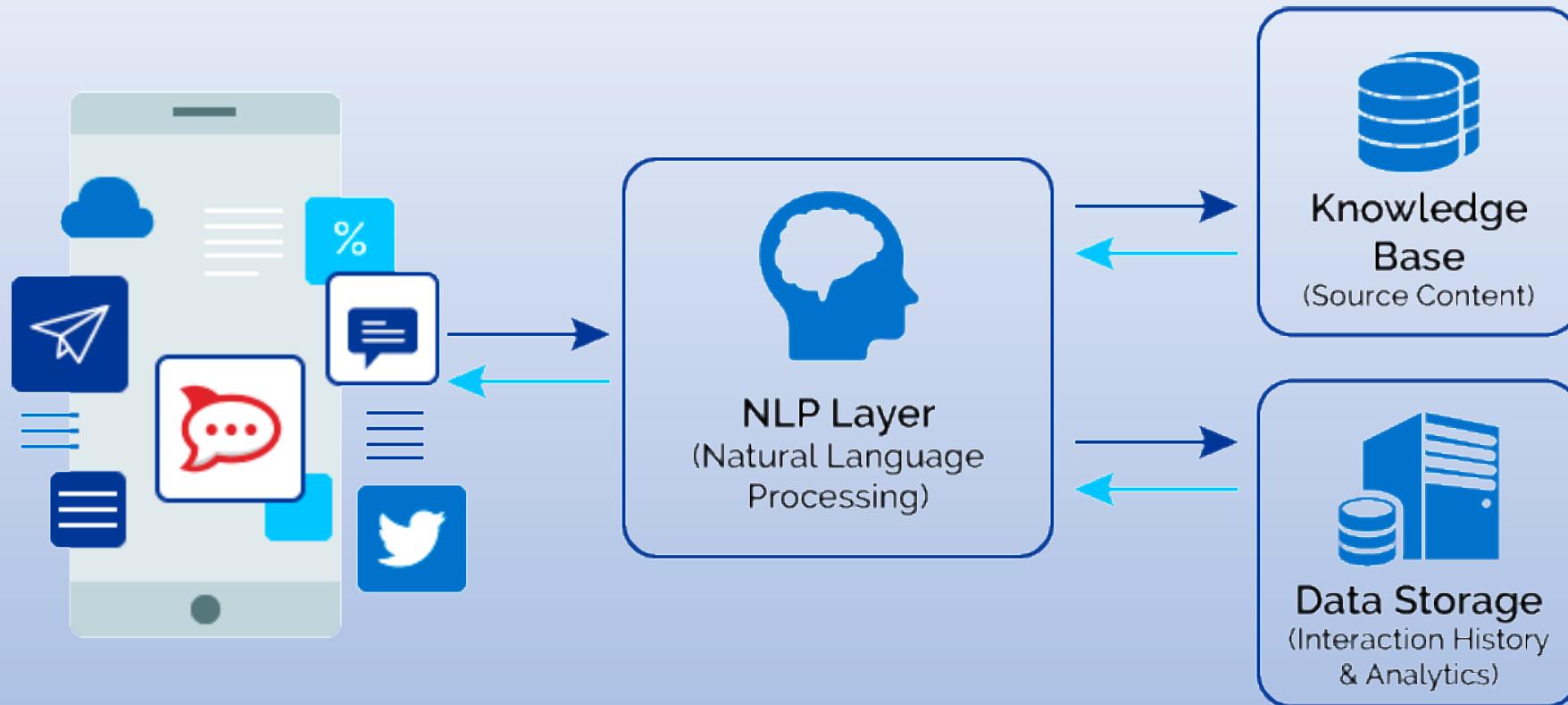
Approval





Natural Language Processing



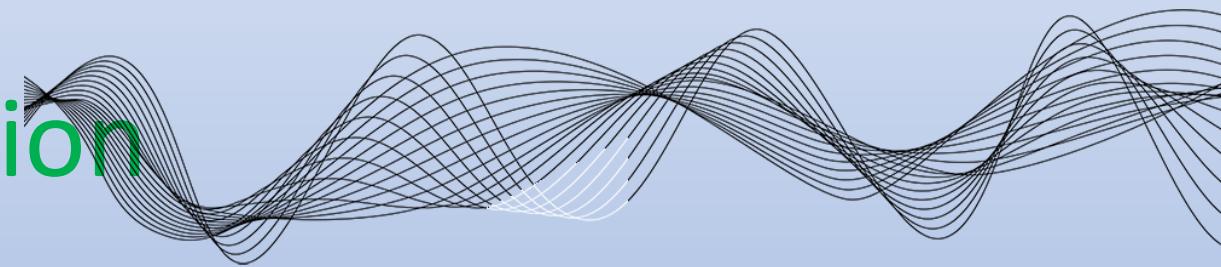


Applications of NLP

Sentimental analysis

Speech recognition

Authomatic texts
translation



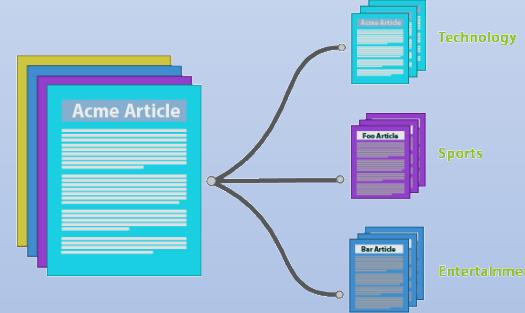
Applications of NLP

Authomatic answers to
questions (Chatbots)

Documents
classification
Text
generation

Short random
text

LTSMs



Tools we are going



SciPy



GitHub



Methodology

1. Corpus analysis



2. Descriptive analysis



Methodology

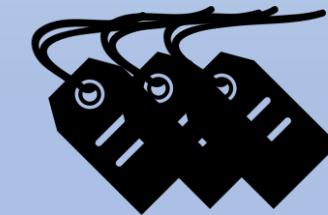
1. Corpus analysis



2. Descriptive analysis



3. Etiquetado y definición
de objetos



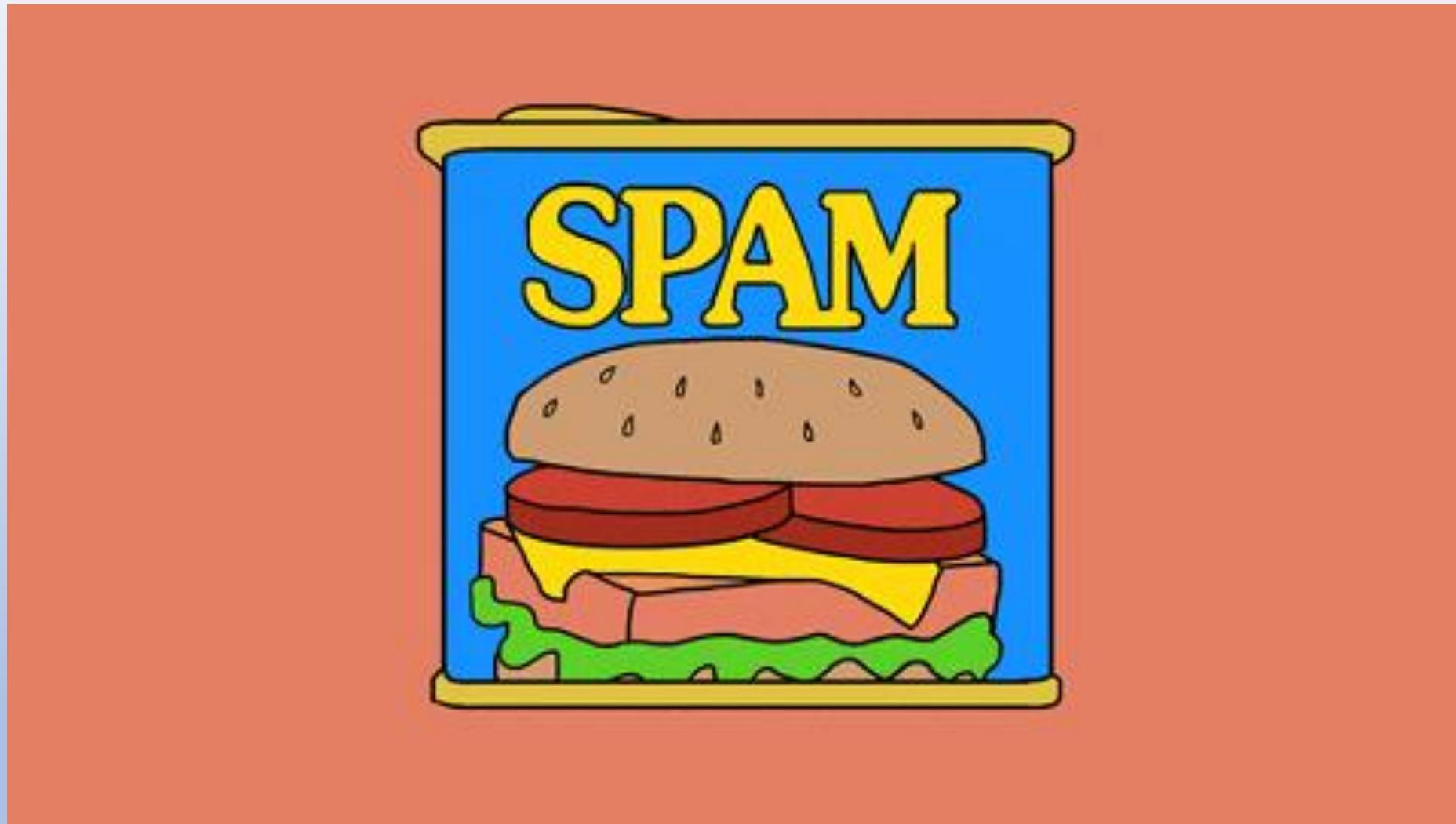
Methodology

4. Initial model

5. Improved
model

6. Model
evaluation

7. Conclusions



First
Spanish
political
tweets
corpus
Publication



Competitio
ns

Interdisciplin
ary

Interdisciplinary

Increased critical
thinking and
problem solving
skill

Authentic, real life
learning

Increased cognitive gai

Interdisciplinary

Highly engaging Highlights learner
strengths

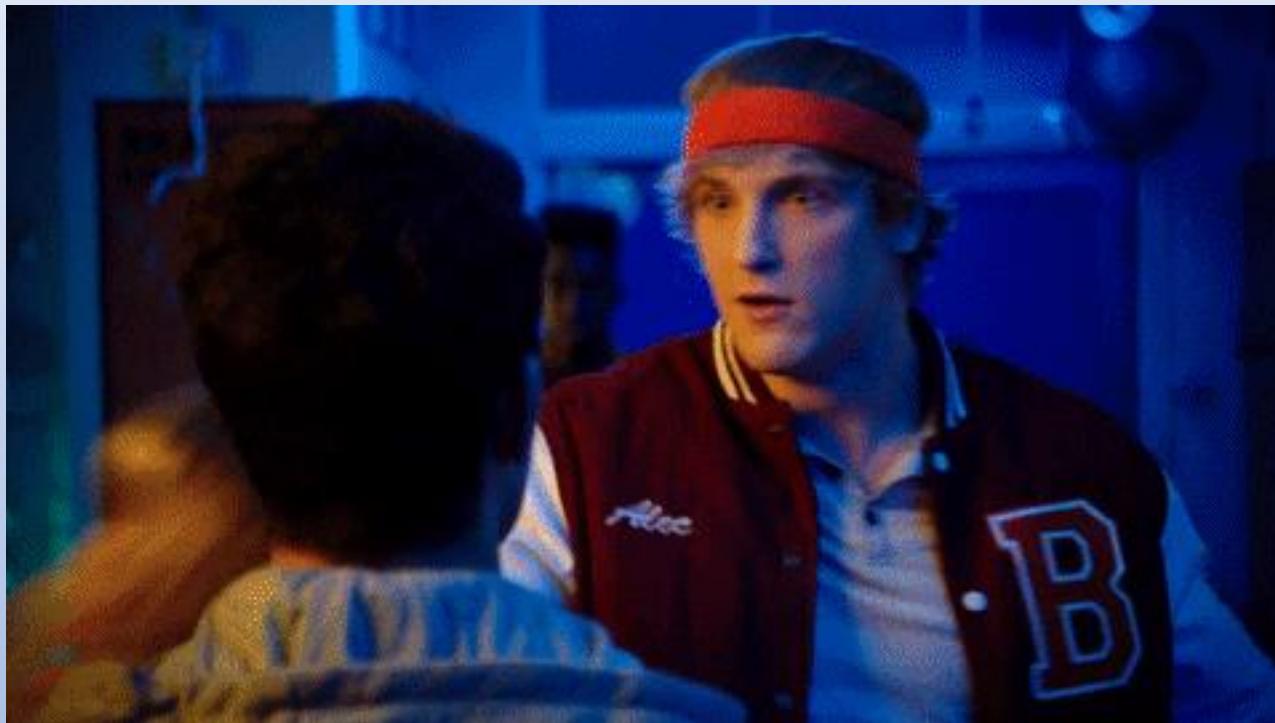
Open doors for people
to develop interest in
variety of content
areas













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