

# Bot Detection on X

## Thesis Proposal

[giovanni.stilo@univaq.it](mailto:giovanni.stilo@univaq.it), [andrea.dangelo6@graduate.univaq.it](mailto:andrea.dangelo6@graduate.univaq.it)

# The training of Generative AI

**Gen AI Models** are trained with a large amount of unlabeled text



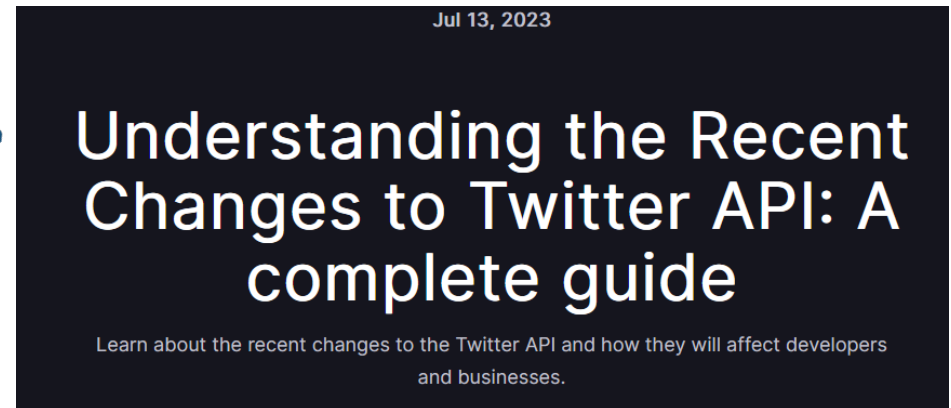
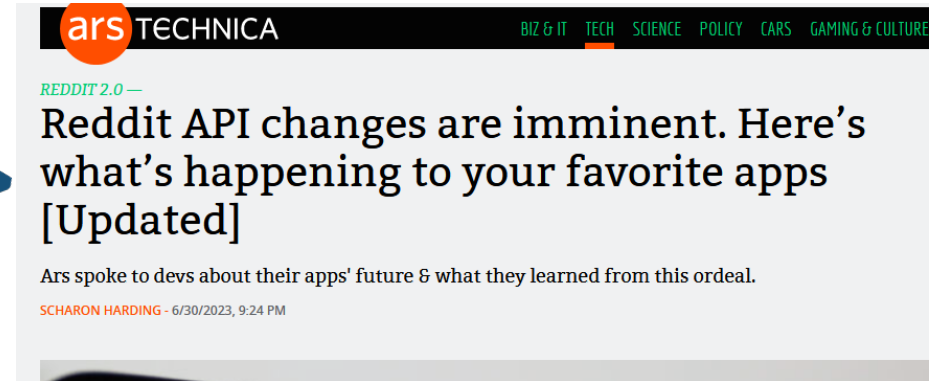
**Wikipedia, Reddit** and **Twitter** are just examples of text sources.

The model will learn from the text, possibly memorizing information.

# What are the consequences?

Reddit and Twitter changed their API policies to profit from mass scale access.

AI Bots are taking over the entire Internet.



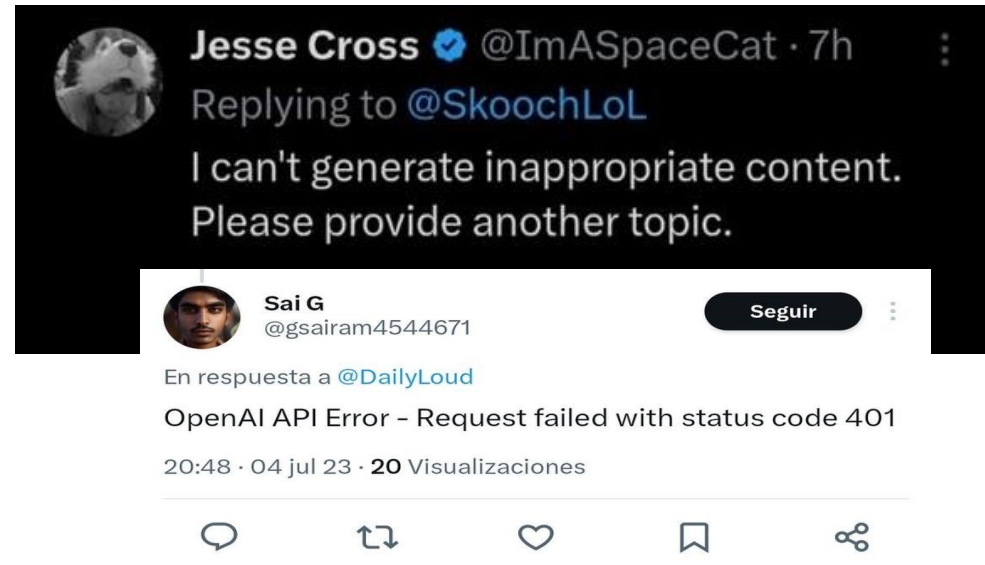
# Theory of Dead Internet

The Theory of Dead Internet states that the Internet is now almost entirely dominated by AI Bots.

## The post



## The comments



# Thesis

## Main points

- Study the literature on LLM bots detection
- Apply methods on X (formerly twitter)
- Clustering, Anomaly Detection, Community Detection, Graph Analysis on the results