

Tweet Analysis Project Proposal

1. Description

The idea is to analyse tweets published during March 2021 about Jean Castex, the French prime minister regarding to the Covid 19 news and public announcements from Jean Castex.

Few relevant analysis to explore in this project:

- Geographical analysis
- Number of tweets per TV announce of the prime minister
- Sentiment analysis and popularity



2. Tools

I will use the open source stack Elastic search, Logstash and Kibana. For the sentiment analysis, I will try to explore two solutions: IBM Watson and TextBlob in order to evaluate differences.

The visualisation tool has the advantage to perform streaming analysis.

3. Expected Outcomes

In February 19th, Jean Castex had 42 % of popularity points according to a study realised on 1003 people on internet by BVA.¹

We will try to find this kind of survey for March to find out the complementarity, contradictions between our sentiment analysis and the popularity score survey.

¹ <https://www.sudouest.fr/politique/emmanuel-macron/la-cote-de-popularite-de-macron-et-castex-en-nette-hausse-en-fevrier-1365691.php>