

Election Campaign Dynamics

Updates, Website

Anahita Poulad

Emre Canbazer

Amir Jamali

Melina Chioutakou

January 14, 2022

OUTLINE

1. Updates

2. Website

Updates

UPDATES

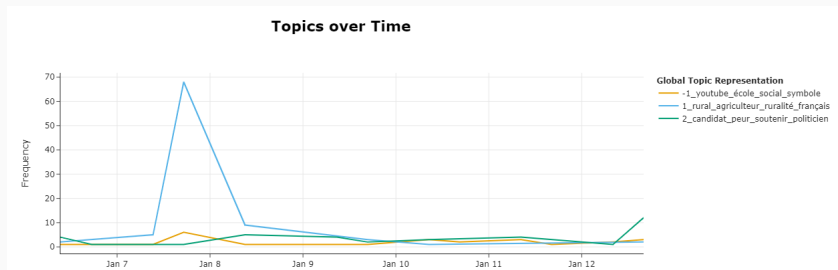
- Updates for the YouTube Dataset
 - youtube corpus creation available for the website
 - regrouped 1-minute speech split into each minute

video_title	video_id	video_description	upload_date	duration	time_caption	transcript
Discours de Marine Le Pen à Fréjus	KbvDa-sHATk	http://www.adhesions-rn.fr http://www.m...	2021-09-13 08:33:58	39:56	0 days 00:35:04	contemporains nous devons notre liberté à des ...
Discours de Marine Le Pen à Fréjus	KbvDa-sHATk	http://www.adhesions-rn.fr http://www.m...	2021-09-13 08:33:58	39:56	0 days 00:36:04	les défenseurs d'une france libre et du monde ...
Discours de Marine Le Pen à Fréjus	KbvDa-sHATk	http://www.adhesions-rn.fr http://www.m...	2021-09-13 08:33:58	39:56	0 days 00:37:04	beaucoup progressé et nous sommes devenus un p...
Discours de Marine Le Pen à Fréjus	KbvDa-sHATk	http://www.adhesions-rn.fr http://www.m...	2021-09-13 08:33:58	39:56	0 days 00:38:04	direction du rassemblement national j'y vois l...

TOPIC MODELING

Twitter Data

- Pipeline is finalized
- Extracted topics for each candidate over time are mostly relevant
- The idea of combining keyword/phrase extraction helped with both time and quality of the topics (KeyBert implementation & BERTopic customization)
- Visualizations are not accessible on the website yet



TOPIC MODELING

YouTube Data

- Data is collected for single points in time
- Topics are not developed in the same way
- One set of topics are extracted for each video
- Further homogenization is necessary

0	(liberté, 0.09850522571392928)
1	(français, 0.09086080184389049)
2	(française, 0.05144703652826476)
3	(france, 0.04636301538928017)
4	(libertés, 0.03554059112444311)
5	(référendum, 0.02971860287831074)
6	(souveraineté, 0.023532534604490035)
7	(européenne, 0.023532534604490035)
8	(nationale, 0.023532534604490035)
9	(talibans, 0.01685684374624455)

Website

UPDATES

- Updates for the website

Create Election Corpus:

Jean-Luc Melenchon

▼

From

06.01.2022

📅

To

13.01.2022

📅

Download

Show

@ Youtube Video Url

Download

UPDATES

- Updates for the website



A screenshot of a web application interface for updating a corpus. It features a list of names in a dark grey box. The name 'Jean-Luc Melenchon' is highlighted with a blue background and a small white checkmark to its left. The other names in the list are: Nicolas Dupont-Aignan, Anne Hidalgo, Yannick Jadot, Jean Lassalle, Marine Le Pen, Philippe Poutou, Christiane Taubira, Anasse Kazib, Fabrice Grimal, Pierre Larrourou, Antoine Waechter, Emmanuel Macron, Valérie Pécresse, Antoine Martinez, Florian Philippot, Eric Zemmour, Marie Cau, Clara Egger, Alexandre Langlois, and HélèneThouy.

Nicolas Dupont-Aignan
Anne Hidalgo
Yannick Jadot
Jean Lassalle
Marine Le Pen
✓ Jean-Luc Melenchon
Philippe Poutou
Christiane Taubira
Anasse Kazib
Fabrice Grimal
Pierre Larrourou
Antoine Waechter
Emmanuel Macron
Valérie Pécresse
Antoine Martinez
Florian Philippot
Eric Zemmour
Marie Cau
Clara Egger
Alexandre Langlois
HélèneThouy

ction Corpus:

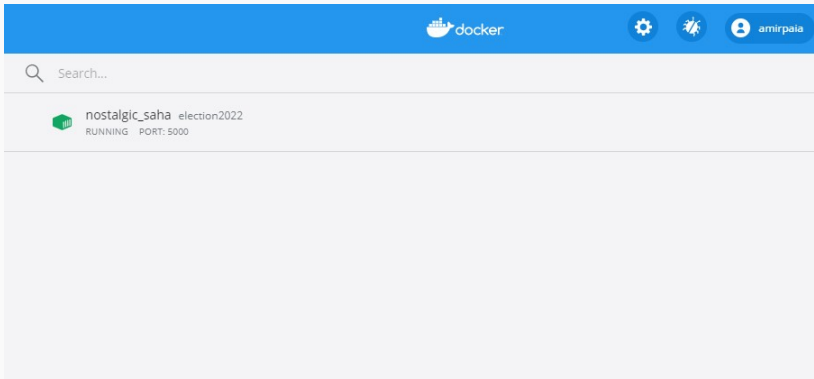


Youtube Video Url

Download

DOCKER IMAGE HAS ALREADY BEEN BUILT

A docker image has been successfully built



Election2022

DEPLOYMENT ON AZURE

Docker image can be easily pushed and deployed into Azure

The screenshot displays the Microsoft Azure portal interface for an App Service named 'france2022'. The top navigation bar includes the 'Microsoft Azure' logo and a search bar. The left sidebar contains a navigation menu with options: Overview (selected), Activity log, Access control (IAM), Tags, Diagnose and solve problems, Security, Events (preview), Deployment, Quickstart, Deployment credentials, and Deployment slots. The main content area shows the 'france2022' App Service details. A search bar is present above a row of action buttons: Browse, Stop, Swap, Restart, and Delete. Below these buttons, the 'Essentials' section provides key information:

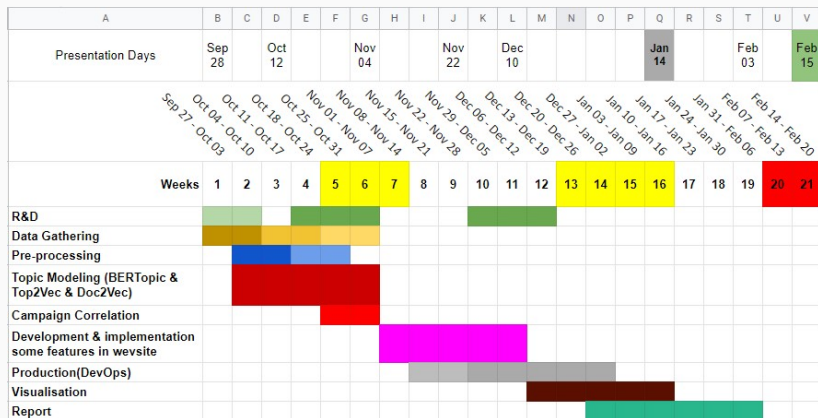
Essentials	
Resource group (Move)	: amirpaia_rg_Linux_southcentr...
Status	: Running
Location	: West Europe
Subscription (Move)	: Azure subscription 1
Subscription ID	: 2f82af9b-1904-49d8-9b97-39...
URL	: https://france2022.azurewebs...
App Service Plan	: ASP-amirpaiargLinuxsouthce...
FTP/deployment username	: No FTP/deployment user set
FTP hostname	: ftp://waws-prod-am2-497.ft...
FTPS hostname	: ftps://waws-prod-am2-497.ft...
Tags (Edit)	: Click here to add tags

VISUALIZASION

Bringing the abilities of Matplotlib and Plotly into the browser by creating an HTML file ([Click Here](#))

In the next presentation, we will connect this possibility to the candidate names

TIMELINE



Thank you!