

Brazilian feelings about elections (on twitter)

Ciência de dados - IMD0905
Professor Ivanovitch



Hello!
We are:



Hugo

Map plotting and
data cleaning



Paulo

Data collecting
and processing



Tyrone

Idealizer, research
and documenting

1. The great idea

What we want to do

Feeling analysis from twitter

- ◆ Get a lot of tweets in a context
- ◆ Analyze the content polarity
- ◆ Plot it on a map divided by states



How to do this?

Which tools, libs we use

Python Libraries

Tweepy

An easy-to-use Python library for accessing the Twitter API.

TextBlob

A Python library for processing textual data. It provides a simple API for into common natural language processing (NLP) tasks.

Folium and Shapely

Folium makes it easy to visualize data that's been manipulated in Python on an interactive leaflet map.

Shapely is a BSD-licensed Python package for manipulation and analysis of planar geometric objects

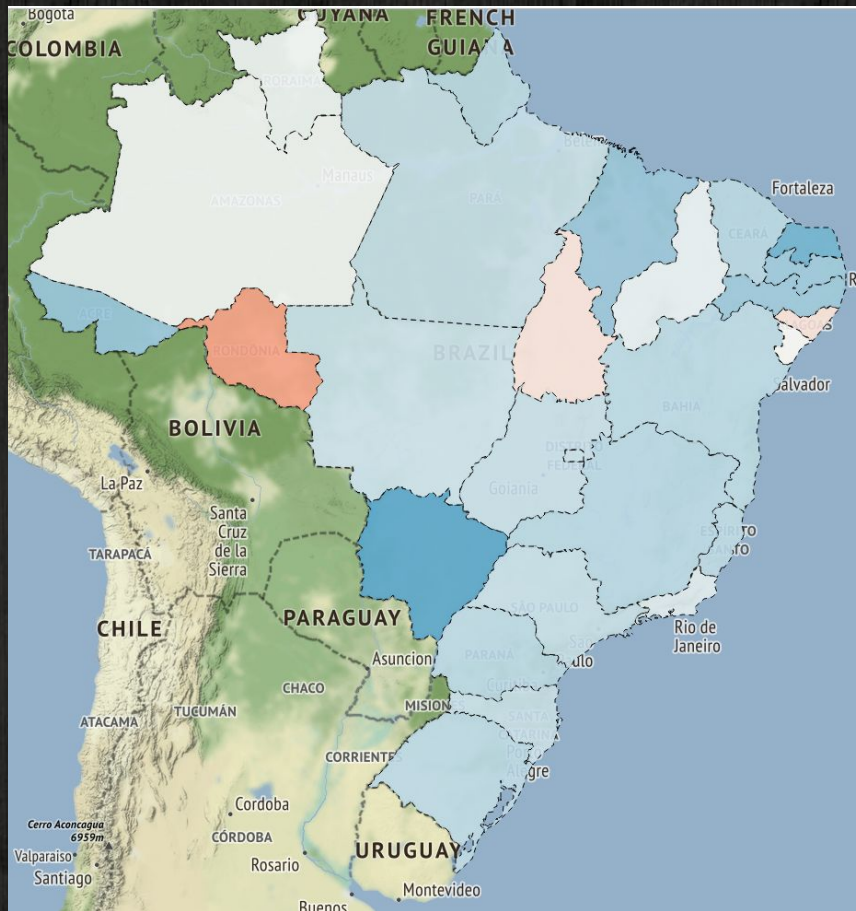
Challenges?

- ◆ Tweet doesn't provides a nice geolocation
- ◆ Google translate API rate limit
- ◆ Choose the search key

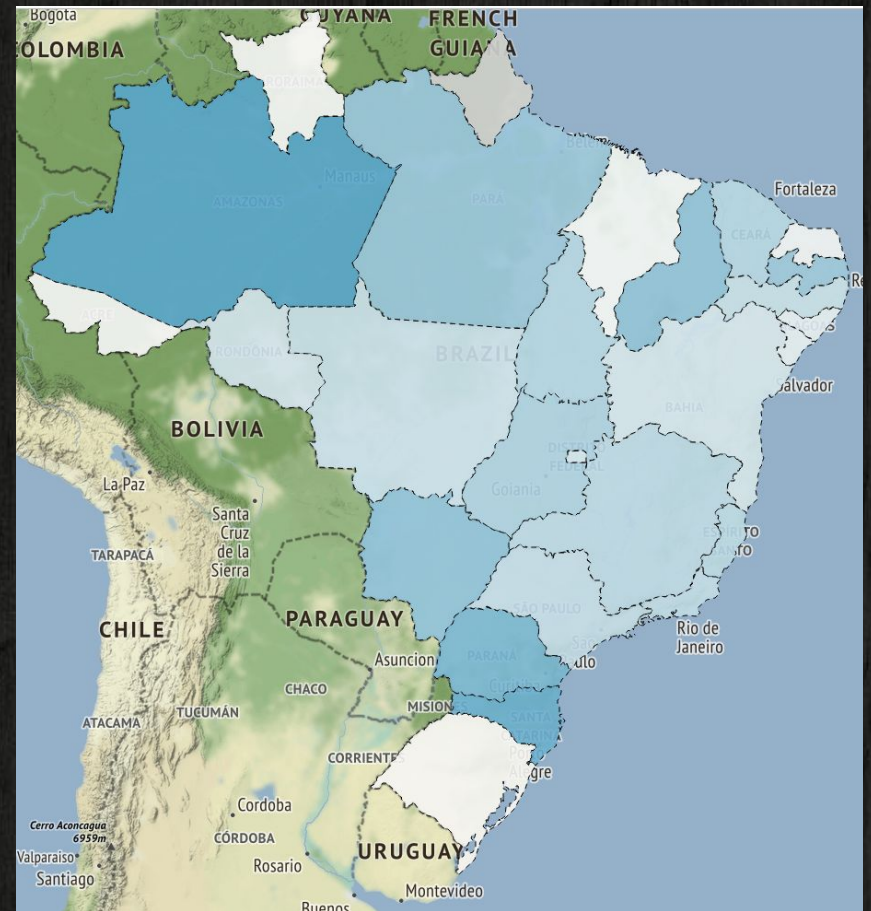


Sunday at 09:00 am

Haddad



Bolsonaro



Sunday at 20:00 pm
(After the result)

Haddad



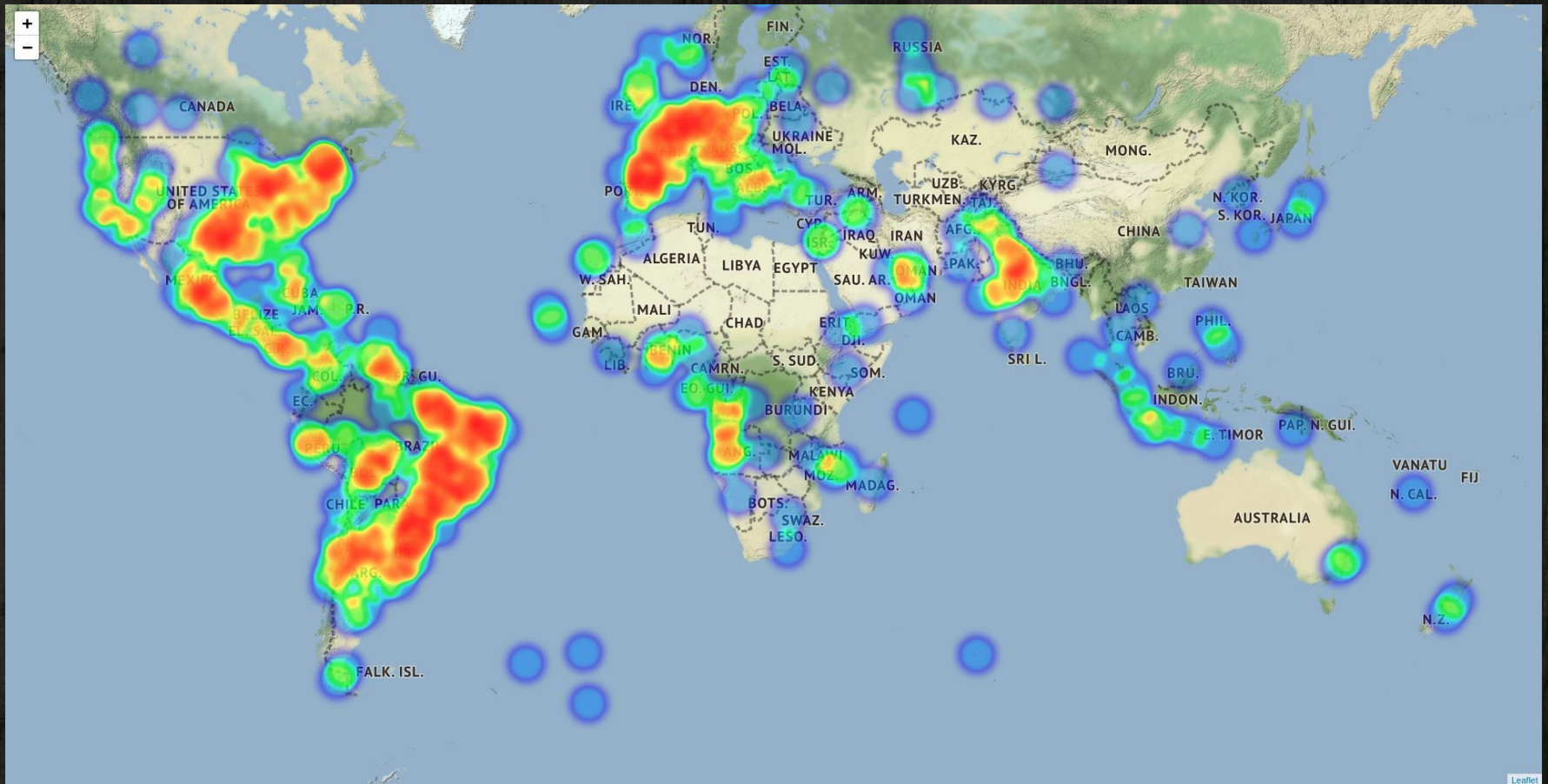
Bolsonaro





Tweets density in the world (after the result)

Bolsonaro





Thanks!

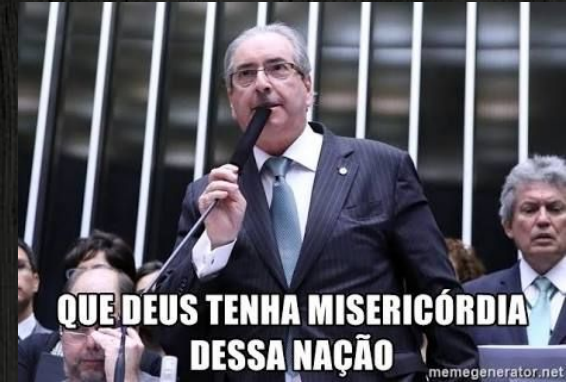
Any questions?

You can find us at:

@hugoTHO

@lopespaulo

@tyronedamasceno



[Repository](#)

