Pfizer vaccine tweets

Background

This project aimed to understand people's emotions about the pfizer vaccines by analyzing the tweets using machine learning models to help the safety of society, The used data in this project is provided by Kaggle.

Question/need:

- Which country is interested in vaccines?
- Does this user have many followers so he can affect other people?
- In which time this country showed an interest in vaccines?
- Did these tweets encouraged more people to take the vaccine or not?

Data Description:

- Kaggle Dataset: https://www.kaggle.com/gpreda/pfizer-vaccine-tweets
- The data is collected using tweet python package
- The rows 10847 and columns 16 in the dataset

Column	Description
Id	The age of the tweet owner
User name	The name of the tweet owner
User location	The tweet owner location

User description	The tweet about Pfizer vaccine
user created	The user account creation time
User followers	How many followers this user have
User friends	How many friends this user have
User Favurites	The user favourites tweets
user verified	Is the user account verified or not
Date	The tweet creation time
Text	Hashtag the tweet he wrote on the twitter
Hashtags	The hashtag the user used
Source	The device the user used to tweet
Retweets	How many people retweeted his tweet

Tools:

- Python
- Jupyter

Libraries:

- NumPy
- Pandas
- Matplotlib

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