This project of pure programming in Python language consists of sending automatic E-mails every day at a time defined by the programmer, to certain people from a list that is in an excel file, who have interests in a particular topic (example: Bitcoin, NASA).

The data of interest of the different people is extracted by the program every day at the specified time from the News API page (https://newsapi.org/), for which you need to obtain an API key. In the program to mask the display of the key, as well as the E-mail password, environment variables were used.

The architecture is as follows:

-requirements.txt:

All the programs necessary to run the main.py file correctly are listed. It is always advisable to create a virtual environment to assert the versions of each program, ensuring its correct operation.

-news.py:

The news of the different topics of interest of the people listed in the excel file (people.xlsx) are obtained

-api\_key.py:

The environment variable is obtained with the API key generated on the page -https://newsapi.org/-, which will then be imported by news.py

-email\_password.py:

The environment variable is obtained with the password of the E-mail in charge of sending to the different addresses of the people listed in the excel file (people.xlsx), which will then be imported by main.py

-main.py:

It is the program that brings together all of the above and is finally in charge of sending the E-mails with the news of interest to each person that appears in the list of the excel file (people.xlsx), using the Pandas package (https: //pandas.pydata.org/) to read this information inside the program

-E-mail\_result.jpg:

The result of the E-mail sent to each person can be observed