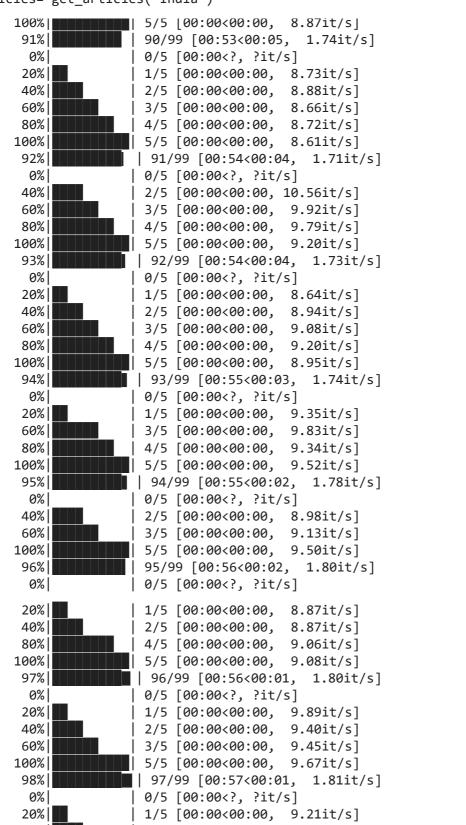
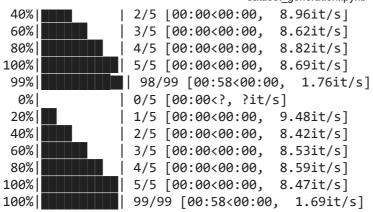
```
pip install requests
                 Requirement already satisfied: requests in /usr/local/lib/python3.7/dist-packages (2
                Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-page 1.00 in /usr/local/lib/
                Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages
                Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-pac
                Requirement already satisfied: urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 in /usr/local/
pip install xlsxwriter
                Collecting xlsxwriter
                       Downloading <a href="https://files.pythonhosted.org/packages/3f/c1/2a77723ae03fea7650f8d77al">https://files.pythonhosted.org/packages/3f/c1/2a77723ae03fea7650f8d77al</a>
                                                                                                                                          | 153kB 5.6MB/s
                Installing collected packages: xlsxwriter
                Successfully installed xlsxwriter-1.4.0
import requests
import datetime
from tgdm import tgdm
import numpy as np
import pandas as pd
import xlsxwriter
pip install newsapi-python
                Collecting newsapi-python
                       Downloading https://files.pythonhosted.org/packages/de/9e/9050199ac7cbc755d1c495771
                Requirement already satisfied: requests<3.0.0 in /usr/local/lib/python3.7/dist-packas
                Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages
                Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-page 1.00 in /usr/local/lib/
                Requirement already satisfied: urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 in /usr/local/
                Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-pac
                Installing collected packages: newsapi-python
                Successfully installed newsapi-python-0.2.6
from newsapi import NewsApiClient
newsapi= NewsApiClient(api key='956160556097434c9cf592566862ea13')
def get_past_articles(past=100):
      past_articles=dict()
      for past_days in range(1,past):
            from_day=str(datetime.datetime.now()-datetime.timedelta(days=past_days))
            to_day=str(datetime.datetime.now()-datetime.timedelta(days=past_days-1))
            past_articles.update({from_day:to_day})
      return past_articles
```

```
def get_articles(query, past=100):
    past_articles=get_past_articles(past)
    all_articles=[]
    for i,j in tqdm(past_articles.items()):
        for pag in tqdm(range(1,6)):
            pag_articles=newsapi.get_everything(q=query,language='en', from_param='2021-03-27',
            if len(pag_articles)==0:break
            all_articles.extend(pag_articles)
        return all_articles
```

articles= get_articles("India")





dataset = pd.DataFrame(articles)
dataset.sample(5)

url	description	title	author	source	
http://techcrunch.com/2021/02/25/xiaomi-india	China's Xiaomi had dominated the Indian smartp	Xiaomi further localizes India supply chain vi	Rita Liao	{'id': 'techcrunch', 'name': 'TechCrunch'}	4617
http://techcrunch.com/2020/05/27/google-remove	ByteDance's TikTok app, which has gained hundr	Google removes millions of negative TikTok rev	Manish Singh	{'id': 'techcrunch', 'name': 'TechCrunch'}	337
http://techcrunch.com/2021/02/25/viaomi-	China's Xiaomi had	Xiaomi further localizes	Rita	{'id': 'techcrunch'	

dataset.to_excel('news_dataset.xlsx', sheet_name = 'New_sheet')

from google.colab import files
files.download('news_dataset.xlsx')

✓ 0s completed at 13:32

×