

In [1]:

```
!pip install pandas==1.3.1
```

Requirement already satisfied: pandas==1.3.1 in c:\users\manan\anaconda3\lib\site-packages (1.3.1)

Requirement already satisfied: numpy>=1.17.3 in c:\users\manan\anaconda3\lib\site-packages (from pandas==1.3.1) (1.21.0)

Requirement already satisfied: python-dateutil>=2.1.0, <2.7.3 in c:\users\manan\anaconda3\lib\site-packages (from pandas==1.3.1) (2.8.2)

Requirement already satisfied: pytz>=2017.3 in c:\users\manan\anaconda3\lib\site-packages (from pandas==1.3.1) (2021-09-03)

Requirement already satisfied: six<1.5, >1.9 in c:\users\manan\anaconda3\lib\site-packages (from python-dateutil>=2.7.3, pandas==1.3.1) (1.16.0)

In [3]:

```
import pandas as pd
import sys
print(pd.__version__)
print(sys.version)
```

1.3.0 (default, Sep 16 2021, 16:59:28) [MSC v.1916 64 bit (AMD64)]

In [4]:

```
cwd = os.getcwd() #get the current working directory
files = os.listdir(cwd) #get all the files in the directory
print('files :', files)
```

In [5]:

```
import pandas as pd
pd.read_csv('C:\Users\Manan\Covid19\BHandler\1_SAMPLE_COVID_19_PROCESSED.csv')
```

Out[5]:

	sha	title	abstract	publication_time	authors
1	1b5052ca9595cc0b54c0d0cc07018859	Genomic Evolution of Severe Acute Respiratory Syndrome Coronavirus 2 in India and Vaccine Impact	Abstract Recent emergence of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and subsequent containment procedures have impacted the world as never seen before. Therefore, there is considerable curiosity about the genome evolution related to the origin, transmission and vaccine impact of this virus. We have analysed genome sequences of SARS-CoV-2 isolated from Indian patient to gain an in-depth understanding of the natural selection hypothesis. Currently, much of the genomic analysis and mutation profiling revealed major lineages being evolved by characteristic mutations. As the mutation frequency in spike protein is comparatively lesser, the candidate vaccines expected to have wide coverage worldwide including India.	2020-08-31	Jobin John, Kartick, Vaseudev...
2	70d94933ca6f0303e29402361ef0f51028	Impact of COVID-19 on the Indian Economy and the Role of the Government	Abstract The outbreak of COVID-19 in India has led to a significant economic downturn. The Indian economy has been severely impacted by the lockdown measures implemented by the government to contain the spread of the virus. This paper discusses the impact of COVID-19 on the Indian economy and the role of the government in managing the crisis.	2020-12-10	Chen, Fan, Huang...
3	5b217336863dca38391b0142e4d72634780	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in India and Vaccine Impact	Abstract The outbreak of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in India has led to a significant economic downturn. The Indian economy has been severely impacted by the lockdown measures implemented by the government to contain the spread of the virus. This paper discusses the impact of SARS-CoV-2 on the Indian economy and the role of the government in managing the crisis.	2021-07-27	Tang, Tian, Wang...
4	dbac252245a339303736e04f2956f2245	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in India and Vaccine Impact	Abstract The outbreak of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in India has led to a significant economic downturn. The Indian economy has been severely impacted by the lockdown measures implemented by the government to contain the spread of the virus. This paper discusses the impact of SARS-CoV-2 on the Indian economy and the role of the government in managing the crisis.	2021-02-09	Chen, Fan, Huang...
5	4013a7c351c02b707c7f5052e9b187266	Viral Sequences in Children	Abstract The outbreak of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in India has led to a significant economic downturn. The Indian economy has been severely impacted by the lockdown measures implemented by the government to contain the spread of the virus. This paper discusses the impact of SARS-CoV-2 on the Indian economy and the role of the government in managing the crisis.	2018-09-18	Gupta, Rishi, Rishi...

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