Build Python Codes

Date	28th Oct -2022
Team Id	PNT2022TMID52367
Project Name	Natural Disaster Intensity Analysis & Classification Using Artificial Intelligence

Python Code : Earthquake

```
import requests import csv from csv
import DictReader import pandas as pd
import numpy as np from pandas
import Series, DataFrame import
matplotlib.pyplot as plt from
matplotlib import rcParams import
seaborn as sb
# below lines are important when you get KeyError: 'PROJ_LIB'
import os import conda
conda_file_dir = conda._file_ conda_dir
= conda_file_dir.split('lib')[0]
proj_lib = os.path.join(os.path.join(conda_dir, 'share'), 'proj')
os.environ["PROJ_LIB"] = proj_lib from
mpl_toolkits.basemap import Basemap
```

Output:

	time	latitude	longitude	depth	mag	magType	nst	gap	dmin	rms	...	updated	place	type	horizontalError	de
0	2020-02-12T08:59:25.286Z	-24.1641	-176.1798	92.01	5.2	mb	NaN	90	5.296	1.32	...	2020-02-12T09:15:18.040Z	South of the Fiji Islands	earthquake	10.7	
1	2020-02-12T05:55:09.989Z	0.7902	98.9466	81.22	4.5	mb	NaN	98	1.462	0.85	...	2020-02-12T06:20:16.040Z	73km SSW of Padangsidempuan, Indonesia	earthquake	7.3	
2	2020-02-12T00:43:19.540Z	52.6402	171.8590	10.00	4.9	mb	NaN	146	1.369	0.67	...	2020-02-12T01:02:31.040Z	92km WSW of Attu Station, Alaska	earthquake	10.7	
3	2020-02-11T21:42:43.476Z	-20.9359	-70.7684	10.00	4.6	mwr	NaN	139	0.899	1.25	...	2020-02-12T01:06:24.938Z	102km SW of Iquique, Chile	earthquake	4.0	
4	2020-02-11T21:04:16.649Z	4.5291	83.4764	10.00	4.7	mb	NaN	101	3.878	1.03	...	2020-02-12T08:44:21.249Z	North Indian Ocean	earthquake	8.9	

5 rows × 22 columns