EXPRIMENT - 7

READ CSV AND EXCEL AND TXT FILE

In [3]:

```
import pandas as pd
```

```
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
Cell In[3], line 1
----> 1 import pandas as pd

ModuleNotFoundError: No module named 'pandas'
```

In [9]:

```
df1 = pd.read_csv('weather_data_cities (1).csv')
df1
```

Out[9]:

	day	city	temperature	windspeed	event
0	1/1/2017	new york	32.0	6.0	Rain
1	1/2/2017	new york	36.0	7.0	NaN
2	1/3/2017	NaN	NaN	12.0	NaN
3	1/3/2017	NaN	NaN	NaN	NaN
4	1/1/2017	mumbai	90.0	5.0	Sunny
5	1/2/2017	NaN	85.0	12.0	Fog
6	1/3/2017	mumbai	NaN	NaN	Fog
7	1/4/2017	mumbai	92.0	5.0	Rain
8	1/1/2017	NaN	45.0	20.0	NaN
9	1/2/2017	paris	50.0	13.0	Cloudy
10	1/3/2017	paris	NaN	8.0	Cloudy
11	1/4/2017	paris	42.0	10.0	Cloudy

In [11]:

```
df2 = pd.read_excel('Data2.xlsx')
df2
```

Out[11]:

	S.no	Date	roll.no	name	total	per
0	1	2020-10-03	1001	kapil	222	95
1	2	2020-11-03	1002	ruchi	234	65
2	3	2020-10-04	1003	shilpi	245	45
3	4	2021-11-03	1004	umesh	345	76
4	5	2020-10-05	1005	vinod	675	89
5	6	2022-11-03	1006	rahul	222	23
6	7	2020-10-06	1007	garima	222	55
7	8	2023-11-03	1008	sankmet	234	44
8	9	2020-10-07	1009	priyanka	222	46
9	10	2024-11-03	1010	umrsh	322	48
10	11	2020-10-08	1011	premila	345	58
11	12	2025-11-03	1012	harshit	345	76

In [15]:

```
df3 = pd.read_csv('GaCo01_01.txt')
df3
```

Out[15]:

	0.0000\t199.1\t87.34\t91.08\t24.09\t21.12\t87.67\t87.23\t64.57\t163.9\t79.86\t112.42\t50.82\t13.75\t102.74\t144.98\t79.53\t662.2\t748
0	0.0100\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
1	0.0200\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
2	0.0300\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
3	0.0400\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
4	0.0500\t199.1\t87.34\t91.08\t24.09\t19.03\t87....
...	...
12113	121.1315\t305.91\t85.14\t58.08\t0\t0\t0\t0\t0\...
12114	121.1415\t331.54\t134.75\t79.31\t11.99\t0\t3.8...
12115	121.1515\t352.44\t181.94\t102.96\t39.6\t0\t17....
12116	121.1615\t352.44\t202.4\t124.74\t43.01\t8.47\t...
12117	121.1715\t347.27\t206.91\t134.64\t43.01\t16.94...

12118 rows × 1 columns

In [16]:

```
df3 = pd.read_csv('GaCo01_01.txt')
df3.to_csv('mycsvfile.csv',index=None)
```

In [17]:

```
df3 = pd.read_csv('mycsvfile.csv')
df3
```

Out[17]:

	0.0000\t199.1\t87.34\t91.08\t24.09\t21.12\t87.67\t87.23\t64.57\t163.9\t79.86\t112.42\t50.82\t13.75\t102.74\t144.98\t79.53\t662.2\t748
0	0.0100\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
1	0.0200\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
2	0.0300\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
3	0.0400\t199.1\t87.34\t91.08\t24.09\t21.12\t87....
4	0.0500\t199.1\t87.34\t91.08\t24.09\t19.03\t87....
...	...
12113	121.1315\t305.91\t85.14\t58.08\t0\t0\t0\t0\t0\...
12114	121.1415\t331.54\t134.75\t79.31\t11.99\t0\t3.8...
12115	121.1515\t352.44\t181.94\t102.96\t39.6\t0\t17....
12116	121.1615\t352.44\t202.4\t124.74\t43.01\t8.47\t...
12117	121.1715\t347.27\t206.91\t134.64\t43.01\t16.94...

12118 rows × 1 columns