


```
import pandas as pd
```

```
df=pd.read_csv('nyc_weather.csv')
df
```




	EST	Temperature	DewPoint	Humidity	Sea Level PressureIn	VisibilityMiles	WindSpeedMPH	PrecipitationIn	CloudCover	Events	WindDir
0	01-01-2016	37	23	52	30.03	10	8.0	0	5	NaN	
1	01-02-2016	36	18	46	30.02	10	7.0	0	3	NaN	
2	01-03-2016	40	21	47	29.86	10	8.0	0	1	NaN	
3	01-04-2016	25	9	44	30.05	10	9.0	0	3	NaN	
4	01-05-2016	20	-3	41	30.57	10	5.0	0	0	NaN	
5	01-06-2016	33	4	35	30.50	10	4.0	0	0	NaN	
6	01-07-2016	39	11	33	30.28	10	2.0	0	3	NaN	
7	01-08-2016	39	29	64	30.20	10	4.0	0	8	NaN	
8	01-09-2016	44	38	77	30.16	9	8.0	T	8	Rain	
9	01-10-2016	50	46	71	29.59	4	NaN	1.8	7	Rain	
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15	1/16/2016	47	37	70	29.52	8	7.0	0.24	7	Rain	
16	1/17/2016	36	23	66	29.78	8	6.0	0.05	6	Fog-Snow	
17	1/18/2016	25	6	53	29.83	9	12.0	T	2	Snow	
18	1/19/2016	22	3	42	30.03	10	11.0	0	1	NaN	
19	1/20/2016	32	15	49	30.13	10	6.0	0	2	NaN	
20	1/21/2016	31	11	45	30.15	10	6.0	0	1	NaN	
21	1/22/2016	26	6	41	30.21	9	NaN	0.01	3	Snow	
22	1/23/2016	26	21	78	29.77	1	16.0	2.31	8	Fog-Snow	
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29	1/30/2016	34	16	46	30.01	10	7.0	0	0	NaN	
30	1/31/2016	46	28	52	29.90	10	5.0	0	0	NaN	


Next steps:

[Generate code with df](#)[View recommended plots](#)[New interactive sheet](#)

```
from google.colab import drive
drive.mount('/content/drive')
```

 Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).

```
event_mapping = {
    'Rain': 1,
    'Fog-Snow': 2,
    'Snow': 3
}
df['Events'] = df['Events'].replace(event_mapping)
print(df[['Events']].head())
df.to_csv('modified_file.csv', index=False)
df
```

 Events

0 NaN

1 NaN

2 NaN

3 NaN

4 NaN

/tmp/ipython-input-10-1155996322.py:6: FutureWarning: Downcasting behavior in `replace` is deprecated and will be removed in a future
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Next steps:

Generate code with df

View recommended plots

New interactive sheet

Start coding or [generate](#) with AI.

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Next steps: [Generate code with df](#) [View recommended plots](#) [New interactive sheet](#)

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```
df['Sea Level PressureIn'][df['Events']=='Rain']
```



Sea Level PressureIn	
8	30.16
9	29.59
15	29.52
26	30.03

df['PressureIn']


```
df['Temperature'].min()
```

 20

```
df['Temperature'].max()
```

 50

```
df[['Events', 'Temperature']]
```



	Events	Temperature
0	NaN	37
1	NaN	36
2	NaN	40
3	NaN	25
4	NaN	20
5	NaN	33
6	NaN	39
7	NaN	39
8	Rain	44
9	Rain	50
10	NaN	33
11	NaN	35
12	NaN	26
13	NaN	30
14	NaN	43
15	Rain	47
16	Fog-Snow	36
17	Snow	25
18	NaN	22
19	NaN	32
20	NaN	31
21	Snow	26
22	Fog-Snow	26
23	Snow	28
24	NaN	34
25	NaN	43
26	Rain	41
27	NaN	37
28	NaN	36
29	NaN	34
30	NaN	46