READ CSV AND EXCEL AND TEXT FILE

In [6]:
```
1  import pandas as pd
2  df1 = pd.read_csv('sample data//weather_data_cities.csv')
3  df1
```

Out[6]:

	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

read execl file

In [12]:
```python
1  df2 = pd.read_excel('sample data//Data2.xlsx')
2  df2
```

Out[12]:

	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]:
```python
1  df3 = pd.read_csv('sample data//GaCo01_01.txt', header=None, delimiter='\t
2  df3
```

Out[15]:

|	0	1	2	3	4	5	6	7	8	9	10	11
0	0.0000	199.10	87.34	91.08	24.09	21.12	87.67	87.23	64.57	163.90	79.86	112.42
1	0.0100	199.10	87.34	91.08	24.09	21.12	87.67	87.23	64.57	163.90	79.86	112.42
2	0.0200	199.10	87.34	91.08	24.09	21.12	87.67	87.23	62.59	163.90	79.86	112.42
3	0.0300	199.10	87.34	91.08	24.09	21.12	87.67	89.10	64.57	163.90	77.55	112.42
4	0.0400	199.10	87.34	91.08	24.09	21.12	87.67	87.23	62.59	163.90	77.55	112.42
...	...	...	...	...	...	...	...	...	...	...	...	...
12114	121.1315	305.91	85.14	58.08	0.00	0.00	0.00	0.00	0.00	15.73	11.66	4.73
12115	121.1415	331.54	134.75	79.31	11.99	0.00	3.85	0.00	0.00	15.73	9.35	4.73
12116	121.1515	352.44	181.94	102.96	39.60	0.00	17.49	2.97	0.00	13.97	9.35	4.73
12117	121.1615	352.44	202.40	124.74	43.01	8.47	50.71	7.59	0.00	13.97	6.93	0.00
12118	121.1715	347.27	206.91	134.64	43.01	16.94	69.74	28.93	0.00	12.21	6.93	0.00

12119 rows × 19 columns

Load csv file

In [17]:
```python
1 df4 = pd.read_csv('sample data//student-scores.csv')
2 df4
```

Out[17]:

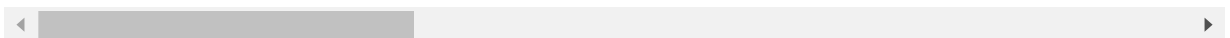|	id	first_name	last_name	email	gender	part_time_job
0	1	Paul	Casey	paul.casey.1@gslingacademy.com	male	False
1	2	Danielle	Sandoval	danielle.sandoval.2@gslingacademy.com	female	False
2	3	Tina	Andrews	tina.andrews.3@gslingacademy.com	female	False
3	4	Tara	Clark	tara.clark.4@gslingacademy.com	female	False
4	5	Anthony	Campos	anthony.campos.5@gslingacademy.com	male	False
...	...	...	...	...	...	...
1995	1996	Alan	Reynolds	alan.reynolds.1996@gslingacademy.com	male	False
1996	1997	Thomas	Gilbert	thomas.gilbert.1997@gslingacademy.com	male	False
1997	1998	Madison	Cross	madison.cross.1998@gslingacademy.com	female	False
1998	1999	Brittany	Compton	brittany.compton.1999@gslingacademy.com	female	True
1999	2000	Natalie	Smith	natalie.smith.2000@gslingacademy.com	female	False

2000 rows × 17 columns
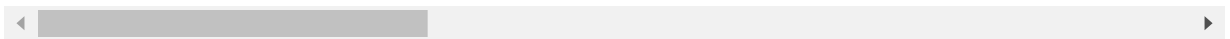
read excel file

In [21]:
```python
1  df5 = pd.read_excel('sample data//2010.xlsx')
2  df5
```

Out[21]:

	Application Number	Title	Application Date	Status	Publication Number	Publication Date(U/S 11A)	Pub
0	2/CHE/2010	NOVEL SOLID STATE FORMS OF RACEMIC ROTIGOTINE ...	01/01/2010	Published	21/2012	25/05/2012	
1	2430/MUMNP/2009	THE APPLICATION OF 5-METHYL-1,3-BENZENEDIOL OR...	01/01/2010	Published	08/2014	21/02/2014	
2	1/DELNP/2010	"METHOD FOR PRODUCING FENOFIBRATE"	01/01/2010	Published	30/2010	23/07/2010	
3	2/DELNP/2010	MONITORING OF BLADE FREQUENCIES OF A WIND TURBINE	01/01/2010	Published	30/2010	23/07/2010	
4	2/MUMNP/2010	TRANSMISSION UNIT, PARTICULARLY MULTI-RANGE TR...	01/01/2010	Published	32/2010	06/08/2010	
...	...	...	...	...	...	...	
35829	5068/KOLNP/2010	POUCH PACK HAVING A PRESSURE OUTLET	31/12/2010	Published	09/2011	04/03/2011	
35830	5070/KOLNP/2010	METHOD, DEVICE, AND SYSTEM FOR CALL HANDOVER A...	31/12/2010	Published	09/2011	04/03/2011	
35831	5069/KOLNP/2010	ORGANIZER FOR RELEASABLY ACCOMMODATING COMPONE...	31/12/2010	Published	09/2011	04/03/2011	
35832	8669/CHENP/2010	INTER-CELL INTERFERENCE CANCELLATION FRAMEWORK	31/12/2010	Published	37/2011	16/09/2011	
35833	8670/CHENP/2010	USAGE OF DEDICATED REFERENCE SIGNAL FOR SUPPOR...	31/12/2010	Published	37/2011	16/09/2011	

35834 rows × 35 columns

In [ ]:   1

In [ ]:   1