In [1]:

df = pd.read\_csv("weather\_data.csv")

df

Output:

|  | **day** | **temperature** | **windspeed** | **event** |
| --- | --- | --- | --- | --- |
| **0** | 1/1/2017 | 32 | 6 | Rain |
| **1** | 1/2/2017 | 35 | 7 | Sunny |
| **2** | 1/3/2017 | 28 | 2 | Snow |

In [2]:

df=pd.read\_excel("weather\_data.xlsx","Sheet1")

df

Output:

|  | **day** | **temperature** | **windspeed** | **event** |
| --- | --- | --- | --- | --- |
| **0** | 2017-01-01 | 32 | 6 | Rain |
| **1** | 2017-01-02 | 35 | 7 | Sunny |
| **2** | 2017-01-03 | 28 | 2 | Snow |

In [3]:

import pandas as pd

weather\_data = {

'day': ['1/1/2017','1/2/2017','1/3/2017'],

'temperature': [32,35,28],

'windspeed': [6,7,2],

'event': ['Rain', 'Sunny', 'Snow']

}

df = pd.DataFrame(weather\_data)

df

Output

|  | **day** | **event** | **temperature** | **windspeed** |
| --- | --- | --- | --- | --- |
| **0** | 1/1/2017 | Rain | 32 | 6 |
| **1** | 1/2/2017 | Sunny | 35 | 7 |
| **2** | 1/3/2017 | Snow | 28 | 2 |

In [4]:

weather\_data = [

('1/1/2017',32,6,'Rain'),

('1/2/2017',35,7,'Sunny'),

('1/3/2017',28,2,'Snow')

]

df = pd.DataFrame(data=weather\_data, columns=['day','temperature','windspeed','event'])

df

Output:

|  | **day** | **temperature** | **windspeed** | **event** |
| --- | --- | --- | --- | --- |
| **0** | 1/1/2017 | 32 | 6 | Rain |
| **1** | 1/2/2017 | 35 | 7 | Sunny |
| **2** | 1/3/2017 | 28 | 2 | Snow |

In [5]:

weather\_data = [

{'day': '1/1/2017', 'temperature': 32, 'windspeed': 6, 'event': 'Rain'},

{'day': '1/2/2017', 'temperature': 35, 'windspeed': 7, 'event': 'Sunny'},

{'day': '1/3/2017', 'temperature': 28, 'windspeed': 2, 'event': 'Snow'},

]

df = pd.DataFrame(data=weather\_data, columns=['day','temperature','windspeed','event'])

df

Output:

|  | **day** | **temperature** | **windspeed** | **event** |
| --- | --- | --- | --- | --- |
| **0** | 1/1/2017 | 32 | 6 | Rain |
| **1** | 1/2/2017 | 35 | 7 | Sunny |
| **2** | 1/3/2017 | 28 | 2 | Snow |