

```
In [6]: import pandas as pd
df = pd.read_excel("CTEC 298 Tutorial Two Weather.xlsx", "Sheet1")
df
```

Out[6]:

	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 [16]: 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
```

Out[16]:

	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 [31]: weather_data=[
    ('1/1/2017', 32, 6, 'Rain'),
    ('1/2/2017', 35, 7, 6, 'Sunny'),
    ('1/3/2017', 26, 2, 'Snow')]
df = pd.DataFrame(weather_data,
    columns = ['Day', 'Temperature', 'Windspeed', 'Rain', 'event'])
df
```

Out[31]:

	Day	Temperature	Windspeed	Rain	event
0	1/1/2017	32	6	Rain	None
1	1/2/2017	35	7	6	Sunny
2	1/3/2017	26	2	Snow	None

```
In [30]: 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': 'Rain'}  
]  
df = pd.DataFrame(Weather_data)  
df
```

Out[30]:

	Day	Temperature	Windspeed	event
0	1/1/2017	32	6	Rain
1	1/2/2017	35	7	Sunny
2	1/3/2017	28	2	Rain

In [ ]: