DataFrame from list and list of Dictionaries

In [1]:
```
import pandas as pd
import numpy as np
import warnings
warnings.filterwarnings('ignore')
```

Create lists, which will be the columns

In [2]:
```
name = ['Arun', 'Varun', 'Leela', 'Geeta', 'Salim', 'John']
age = [27,26,24,27,26,28]
```

In [3]:
```
data = pd.DataFrame(list(zip(name, age)))
data
```

Out[3]:

	0	1
0	Arun	27
1	Varun	26
2	Leela	24
3	Geeta	27
4	Salim	26
5	John	28

Specify the column name

In [4]:
```
data = pd.DataFrame(list(zip(name, age)), columns=['Name', 'Age'])
data
```

Out[4]:

	Name	Age
0	Arun	27
1	Varun	26
2	Leela	24
3	Geeta	27
4	Salim	26
5	John	28

Creating a DataFrame from a list of dictionaries

In [5]:
```
list_of_dictionary = [
    {'Name':'Varun', 'Age':'27'},
    {'Name':'Arun', 'Age':'26'},
    {'Name':'Leela', 'Age':'24'},
    {'Name':'Geeta', 'Age':'27'},
    {'Name':'Salim', 'Age':'26'},
    {'Name':'John', 'Age':'28'},
]
```

In [6]:
```
data_dict = pd.DataFrame(list_of_dictionary)
data_dict
```

Out[6]:

	Name	Age
0	Varun	27
1	Arun	26
2	Leela	24
3	Geeta	27
4	Salim	26
5	John	28

Task: Create the following DataFrame using the above said methods.

name	age	dob	gender
Rita	23	20/02/97	f
Arun	29	01/07/91	m
Sita	14	07/07/06	f
Varun	21	01/05/99	m
Ram	32	07/11/88	m
Radha	23	06/09/97	f
Mohan	51	03/03/69	m
Devi	20	05/01/00	f
Nidhi	29	10/01/91	f