

This is a guided coding exercise on the Human Resources Dataset

Follow the instructions and write the appropriate code as required

Import the pandas module

In [1]:

```
import pandas as pd
```

Create the following variables:

**path :**

- Store the name of the location where your file is located.
- Replace all backward slashes with forward slash

**file :** Store the name of the excel file (attached)

In [2]:

```
path='C:/Users/HP/Downloads/'  
file='Sales_Incentives.xlsx'
```

Read the File into a DataFrame and name it as incentive

In [4]:

```
data=pd.read_excel(path+file)
```

Read the top 8 rows of this DataFrame

In [5]:

```
data.head(8)
```

Out[5]:

	Salesperson Name	Attainment	Base Pay	Incentive
0	John Adams	58.0	88735.0	25733.0
1	Kara Williams	69.0	79260.0	27345.0
2	Zarine Malik	51.0	90580.0	23098.0
3	Wayne Smith	57.0	85031.0	24234.0
4	Ray Jacobs	54.0	78498.0	21194.0
5	Alex Donnelly	72.0	76008.0	27363.0
6	Nigel Stone	70.0	90446.0	31656.0
7	Susan Kim	58.0	90875.0	26354.0

What is the row count of this DataFrame?

In [11]:

```
data.shape[0]
```

Out[11]:

75

What is the column count of this DataFrame?

In [13]:

```
data.shape[1]
```

Out[13]:

4

In [ ]:

Run `incentive.info()` and write down how many columns have null entries in them

In [14]:

```
data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 75 entries, 0 to 74
Data columns (total 4 columns):
#   Column                Non-Null Count  Dtype
---  ---
0   Salesperson Name      75 non-null    object
1   Attainment            74 non-null    float64
2   Base Pay              74 non-null    float64
3   Incentive             75 non-null    float64
dtypes: float64(3), object(1)
memory usage: 2.5+ KB
```

In [15]:

```
print("All column have non null entries")
```

All column have non null entries

In [ ]: