WORKING WITH THE DATASET

Sprint 01 : UNDERSTANDING THE DATASET

DATE	10 NOV 2022
TEAM ID	PNT2022TMID00882
PROJECT NAME	Corporate Employee Attrition Analytics

UNDERSTANDING THE DATASET

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```python
[1]  #Import Libraries
     import numpy as np
     import pandas as pd
     import seaborn as sns
```

```python
[2]  #Load the data
     from google.colab import files # Use to load data on Google Colab
     uploaded = files.upload() # Use to load data on Google Colab
```

Choose Files | IBM_HR_Tr...014-17.csv
• **IBM_HR_Training_2014-17.csv**(text/csv) - 106679 bytes, last modified: 10/14/2022 - 100% done
Saving IBM_HR_Training_2014-17.csv to IBM_HR_Training_2014-17.csv

```python
[4]  #Store the data into the df variable
     df = pd.read_csv('IBM_HR_Training_2014-17.csv')
     df.head(7) #Print the first 7 rows
```

	Year	Organization	Department	Position	Position count	Planned position count	Expense total	Course cost	Course days	Terminations	Internal hires	External hires
0	2014	GO Americas corporate	Human Resources	Vice-President of Human Resources	1.0	1.0	203,072.40	10,500	4.0	0.0	0.0	0.0
1	2014	GO Americas corporate	Human Resources	Human Resources Administrator	1.0	1.0	51,582.74	NaN	NaN	0.0	0.0	0.0
2	2014	GO Americas corporate	Human Resources	Benefit Specialist	2.0	2.0	79,115.38	NaN	NaN	0.0	0.0	0.0
3	2014	GO Americas corporate	Human Resources	Human Resources Clerk	2.0	2.0	65,658.44	NaN	NaN	0.0	0.0	0.0
4	2014	GO Americas corporate	Finance	Controller	1.0	1.0	205,051.67	10,500	4.0	0.0	0.0	0.0
5	2014	GO Americas corporate	Finance	Finance Manager	1.0	1.0	151,033.62	NaN	NaN	0.0	0.0	0.0
6	2014	GO Americas corporate	Finance	Financial Analyst	1.0	1.0	72,348.87	NaN	NaN	0.0	0.0	0.0

```python
#Get the number of rows and number of columns in the data
df.shape
```

(1056, 12)