**HR Employee information (proposal)**

* **Overview**

This is general date for unknown company, I will do some data processing

In few steps:

data cleaning

Mathematics operation

chart

* **Data Descripiton**

The Dataset has 54000 rows and 11 columns.

* **Columns Name**

**employee\_id** (A unique number used for one employee) (Data Type = Int)

**department** (That section where employee work in, Sector) (Data Type = Str)

**region** (Where did he come from? , City) (Data Type = str)

**education** (high degree, last Acadamic degree) (Data Type = str)

**gender** (Male or Female) (Data Type = str)

**recruitment\_channel** (The employee's source of acceptance, from source or other way) (Data Type = str)

**age** (Data Type = Int)

**previous year rating** (The last rating has take in, high value 5 – minimum value 1) (Data Type = Int)

**length of service** (Years of work in the company) (Data Type = Int)

**KPIs** (Process-focused KPIs aim to measure and monitor operational performance across the organization, for employees) (Data Type = Int)

**is\_promoted** (if employee take promoted, value 1 or 0) (Data Type = Int)

**•** **Question:**

1 – How mach the presentage male vs female has been promoted ?

2 – What is the average years of experience for promotion ?

3 – What the most city has employment combaring to other ?

4 – Which department using higher number of employ ?

5 – Who is the higher performance last year males vs female ?

6 – If KPIs is high, does it affect the promotion ?

7 – What is the average age of the employees ?

* **Tools:**

Numpy

Pandas

Marplotlib

Seaborn

Word

Jupyter Notebook