# ABSTRACT

Every year, around 5% of its employees have promoted in the company. **so, we have the check employee is promoted or not?**

# DATASET DESCRIPTION

**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?) (Data Type = str)

**education** (high degree, last Academic 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 taken 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)

## GOALS

1. – How much the percentage male vs female has been promoted?

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

3- If KPI’s is high, does it affect the promotion?

## ALGORITHMS

## TOOLS

NumPy

Pandas

Matplotlib

Seaborn

Word

Jupyter Notebook

## CONCLUSION

Managing and communicating dataset to answering the above questions that transform data into actionable information.

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##Dataset Resource

Kaggle Datasets: https://www.kaggle.com/shivan118/hranalysis