**About Dataset**

This is a dataset that pertains to human resources and employee data, with the following columns:

Attrition: A binary column indicating whether the employee has left the company or not.  
Business Travel: A categorical column indicating the frequency of business travel by the employee.  
CF\_age band: A categorical column indicating the age range of the employee.  
CF\_attrition label: A categorical column indicating the reason for the employee's attrition.  
Department: A categorical column indicating the department the employee belongs to.  
Education Field: A categorical column indicating the field of education of the employee.  
emp no: An integer column indicating the employee number.  
Employee Number: An integer column indicating the employee number.  
Gender: A categorical column indicating the gender of the employee.  
Job Role: A categorical column indicating the role or position of the employee.  
Marital Status: A categorical column indicating the marital status of the employee.  
Over Time: A binary column indicating whether the employee works overtime or not.  
Over18: A binary column indicating whether the employee is over 18 years old or not.  
Training Times Last Year: An integer column indicating the number of training sessions attended by the employee in the last year.  
Age: An integer column indicating the age of the employee.  
CF\_current Employee: A binary column indicating whether the employee is currently employed or not.  
Daily Rate: An integer column indicating the daily rate of pay for the employee.  
Distance From Home: An integer column indicating the distance between the employee's home and workplace.  
Education: A categorical column indicating the level of education of the employee.  
Employee Count: An integer column indicating the number of employees in the company.  
Environment Satisfaction: An integer column indicating the satisfaction level of the employee with the work environment.  
Hourly Rate: An integer column indicating the hourly rate of pay for the employee.  
Job Involvement: An integer column indicating the level of involvement of the employee in their job.  
Job Level: An integer column indicating the level of the employee's job.  
Job Satisfaction: An integer column indicating the satisfaction level of the employee with their job.  
Monthly Income: An integer column indicating the monthly income of the employee.  
Monthly Rate: An integer column indicating the monthly rate of pay for the employee.  
Num Companies Worked: An integer column indicating the number of companies the employee has worked for in the past.  
Percent Salary Hike: An integer column indicating the percentage increase in salary for the employee.  
Performance Rating: An integer column indicating the performance rating of the employee.  
Relationship Satisfaction: An integer column indicating the satisfaction level of the employee with their work relationships.  
Standard Hours: An integer column indicating the standard number of hours worked by the employee.  
Stock Option Level: An integer column indicating the level of stock options held by the employee.  
Total Working Years: An integer column indicating the total number of years the employee has worked.  
Work Life Balance: An integer column indicating the work-life balance of the employee.  
Years At Company: An integer column indicating the number of years the employee has worked in the company.  
Years In Current Role: An integer column indicating the number of years the employee has been in their current role.  
Years Since Last Promotion: An integer column indicating the number of years since the employee's last promotion.  
Years With Curr Manager: An integer column indicating the number of years the employee has worked with their current manager.

Source: <https://www.kaggle.com/datasets/wrucebaynebot/hr-dataset>



