Visualization Report And Insights

Employee Attrition

This Photo by Unknown author is licensed under CC BY-SA-NC.

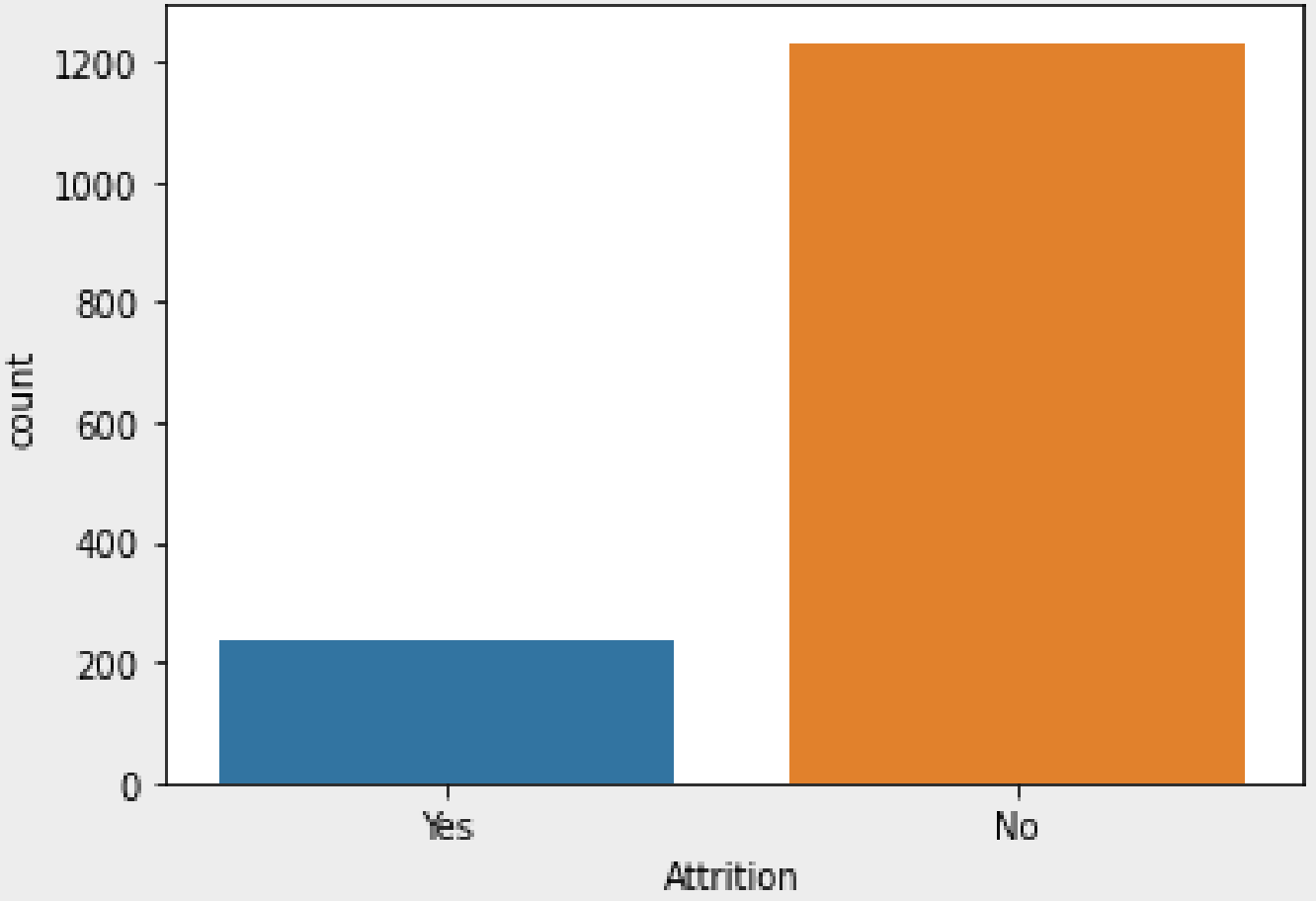
Employee Attrition

Major of employee are not attrited = 1233

237 employee are attrited

data of attrition says that the more is of 'No' values and less no of 'yes'

it can be seen that there is big difference in counts of the values so we can say that data is 'imbalanced'

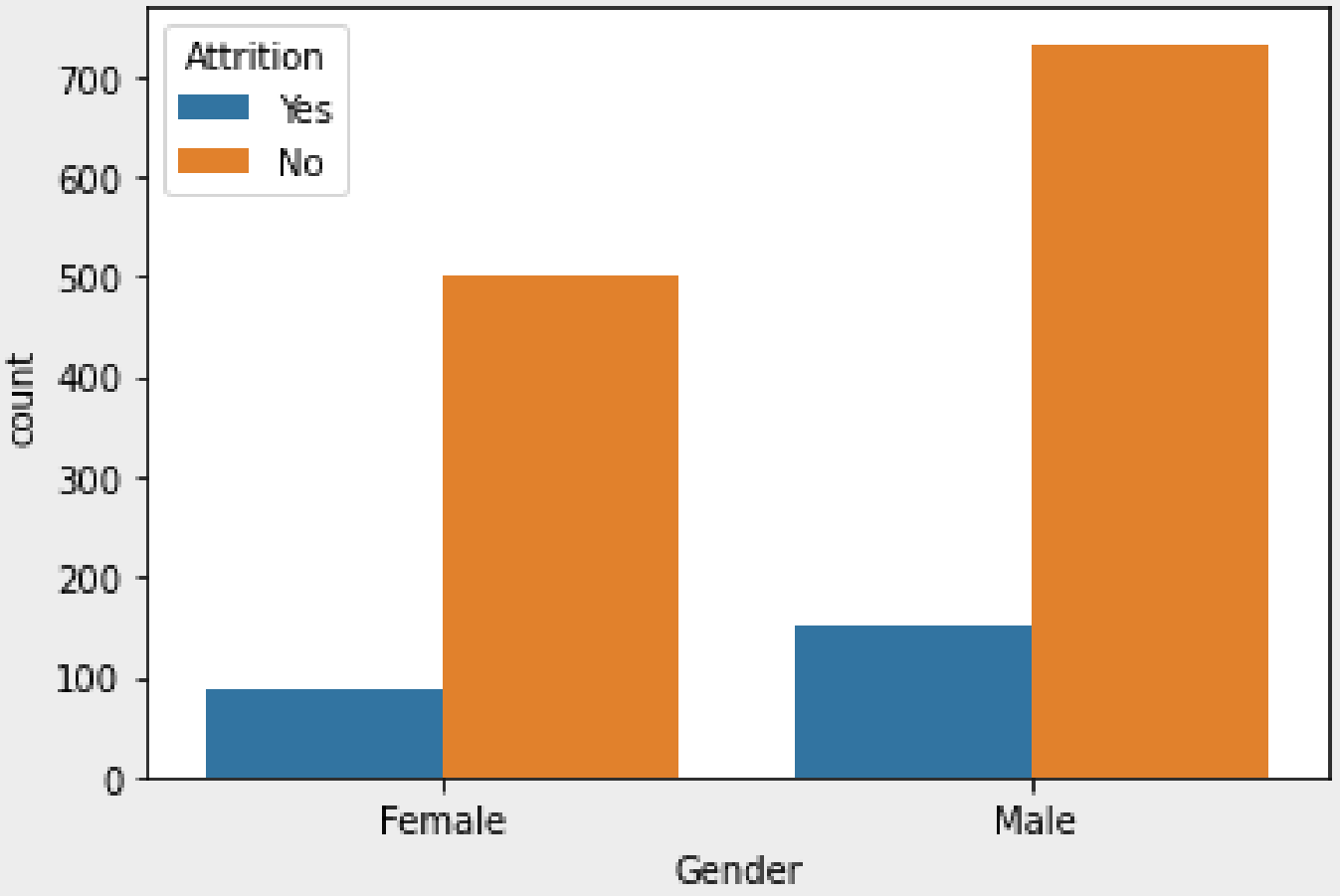


Number of Male and Female Attrition

In the given data, the number of male attrition is more than the female attrition

Number of Attrition in case of Male : 150

Number of Attrition in case of Female : 87

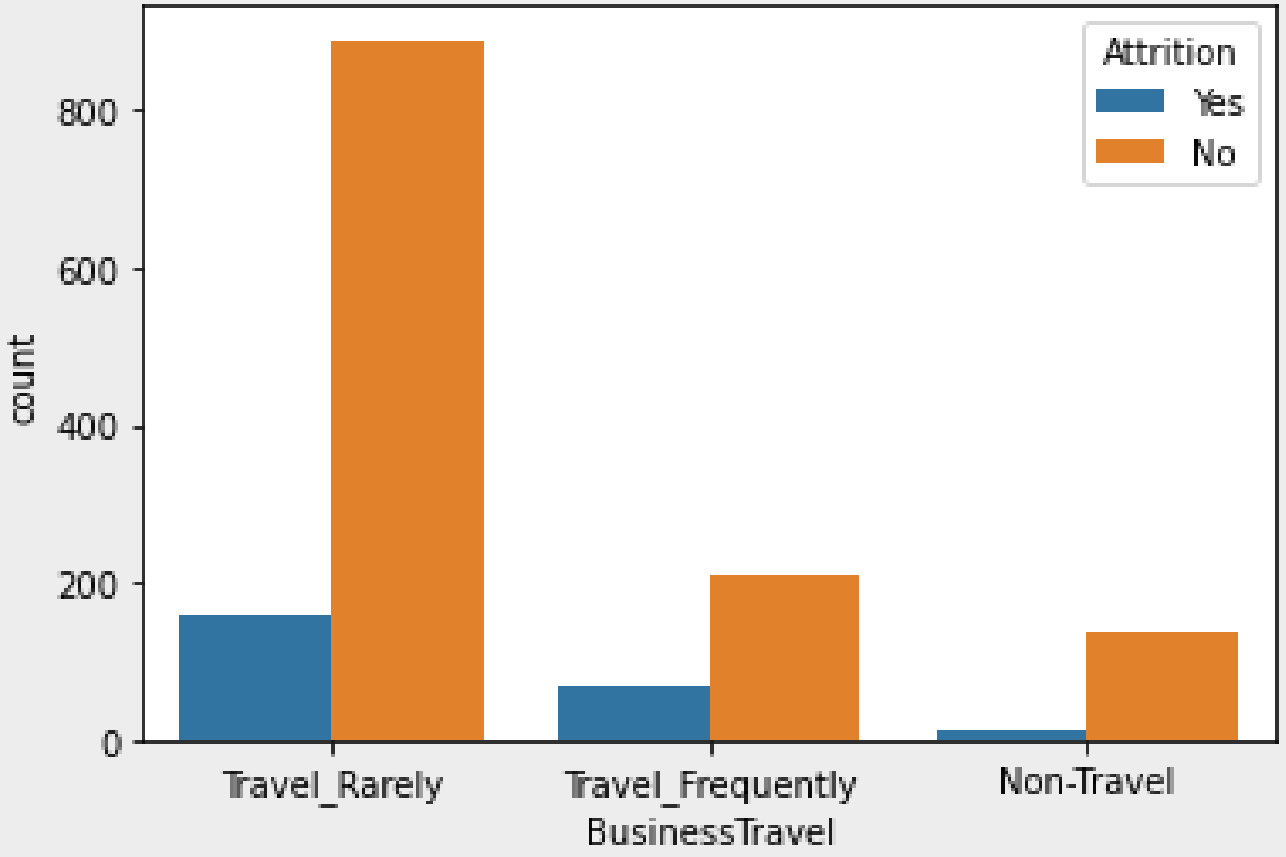


Impact of Business Travel on Attrition

Graph tell us that company has more count or more no. of employee who travel rarely.it means travel rate of company is less

There are more employee which travel rarely and are not satisfied with their job

Non traveller has a least count as well as least attrition

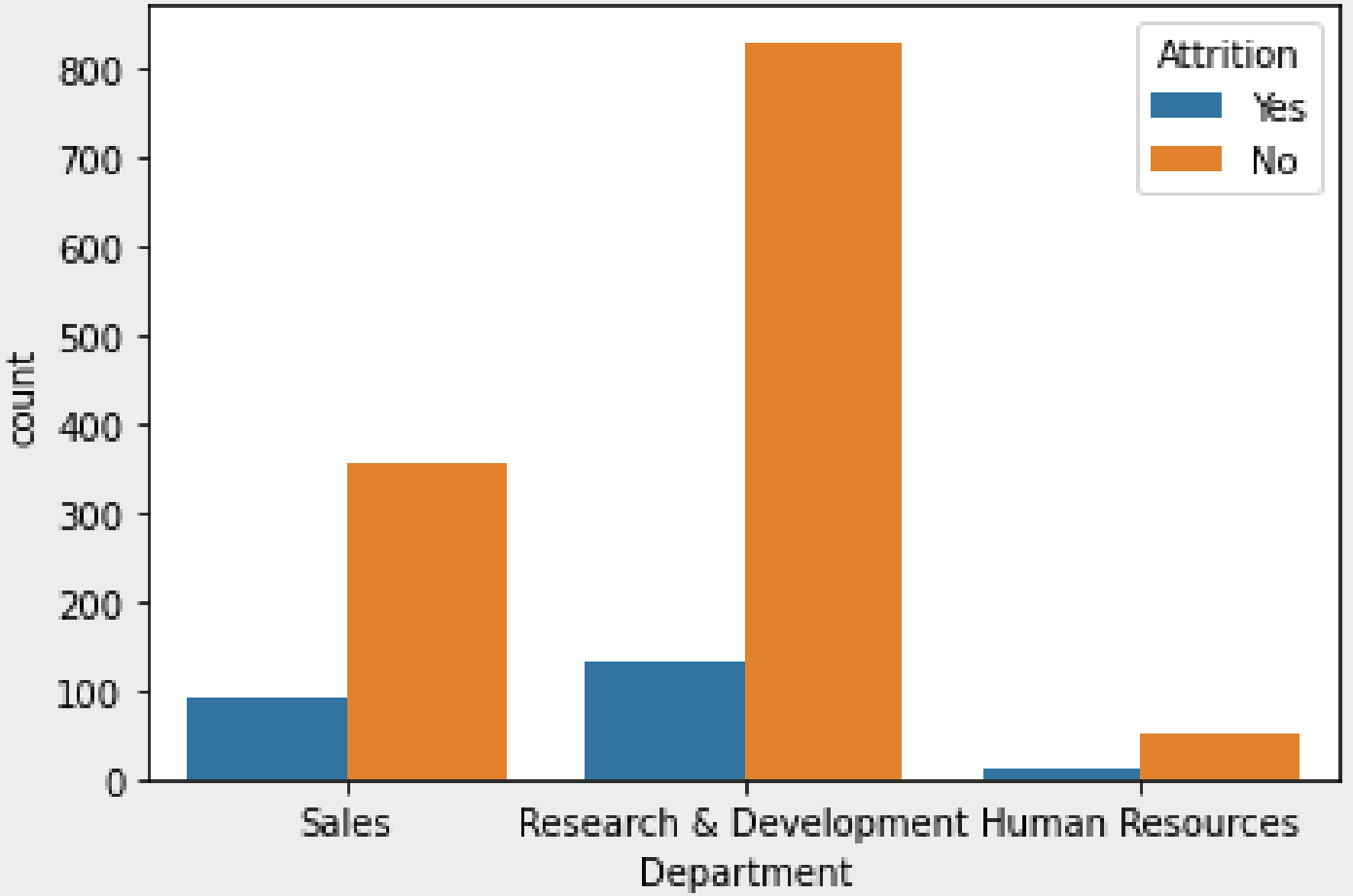


Impact of Department on Attrition

There are 3 department : sales, R&D , Human Resources

R&D department has more no of Attrition(150 employees) as compared to other departments

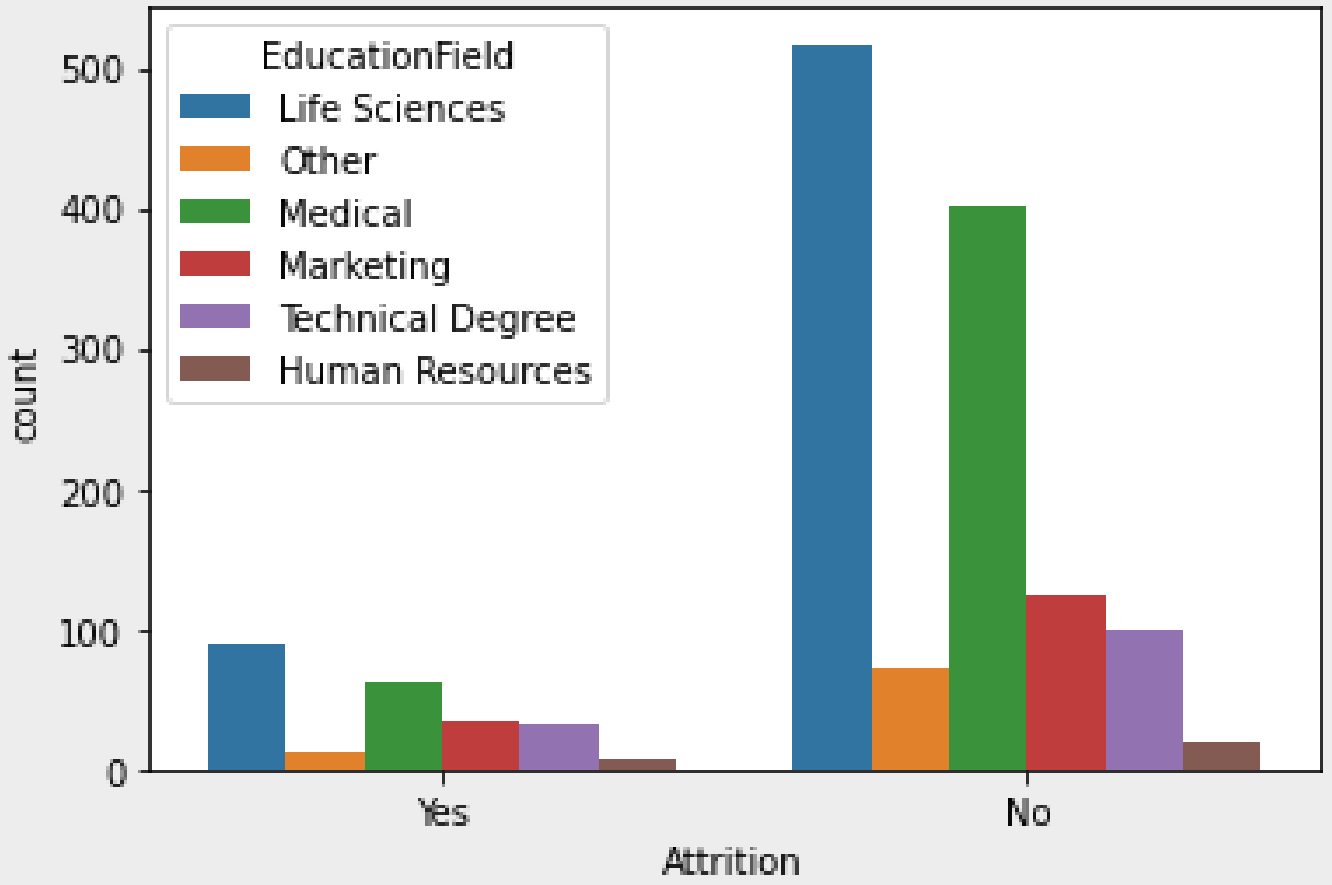
HR department has least Attrition aproxx 5 to 10 employee



Impact of Education Field on Attrition

The employees from life science and medical education field are having more number than other educational field

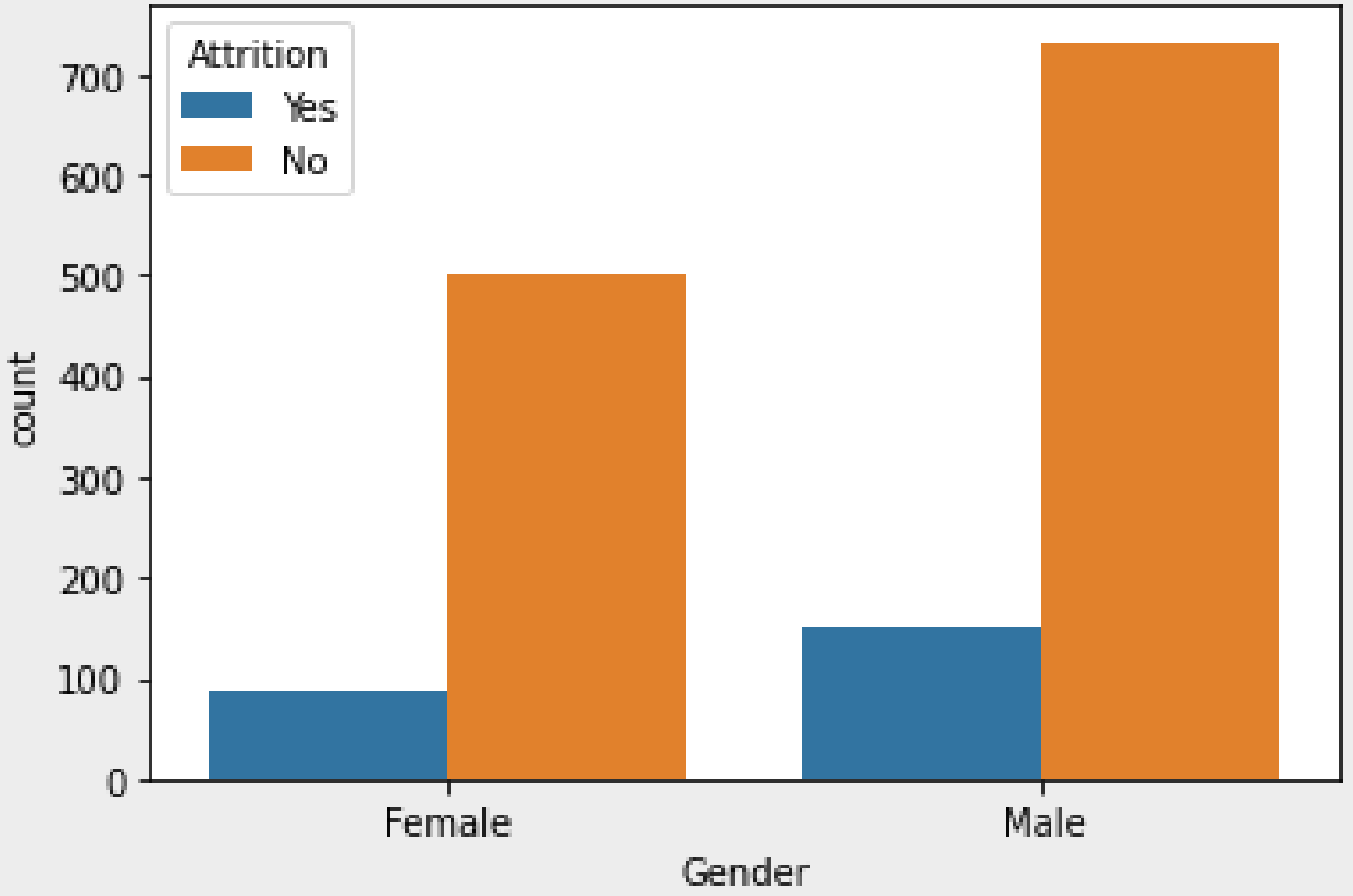
HR educational field epmloyess has least attrition than the others



Impacts of Gender on Attrition

As we can see in the graph the attrition rate in case of female is less than male attrition

We can say that the more are the male employees are not satisfy with their job.

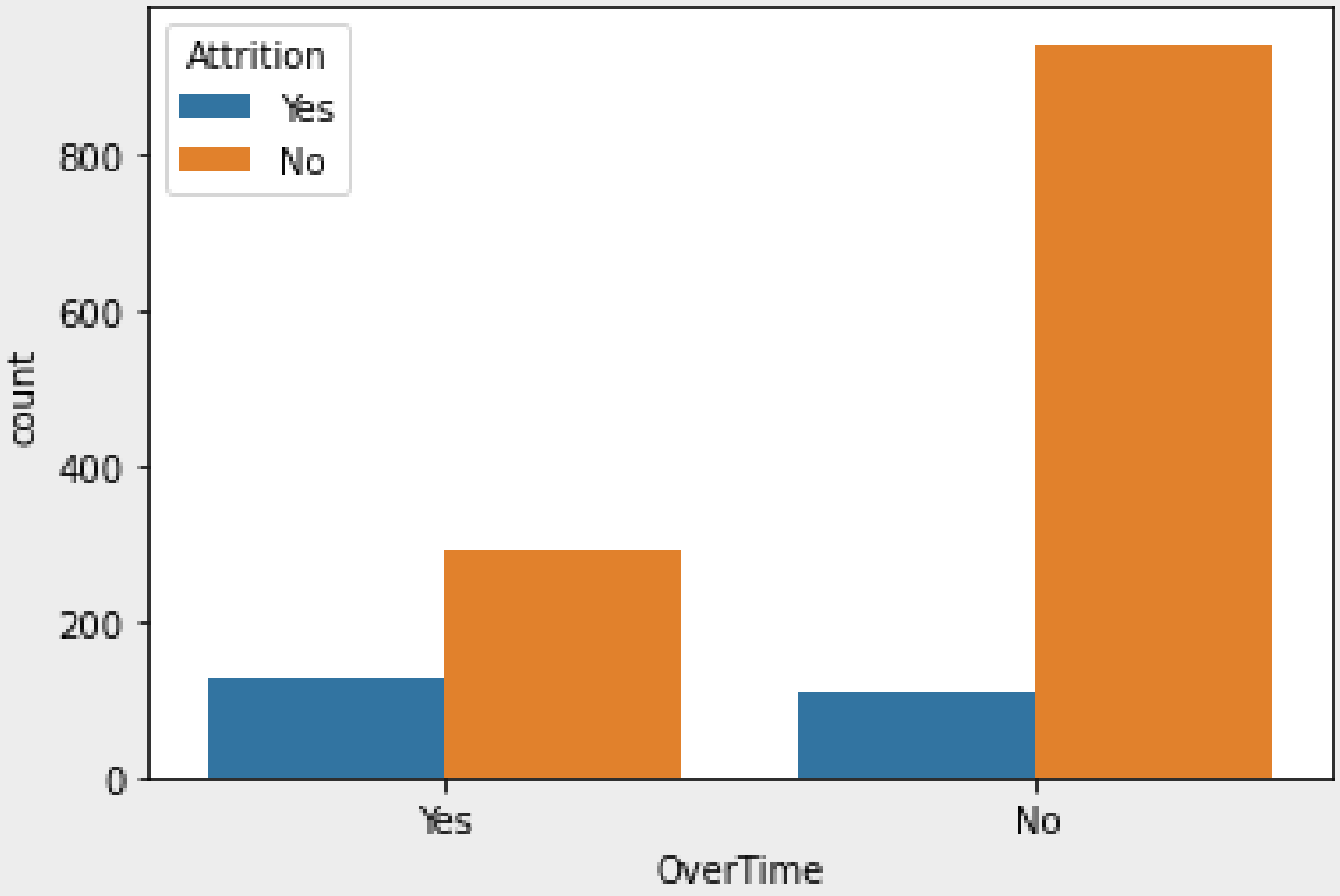


Impacts of Overtime on Attrition

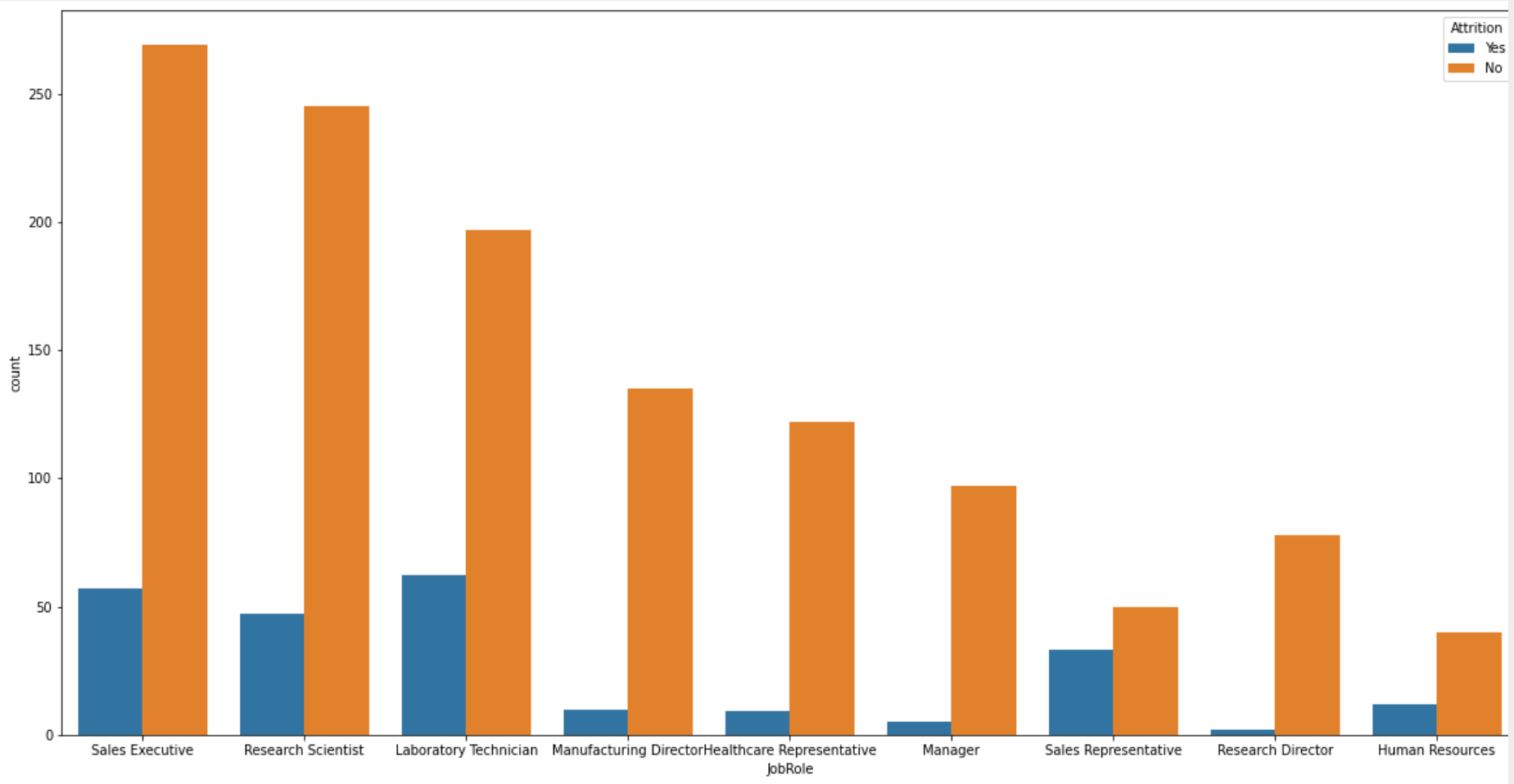
In the graph there is slight change in the Attrition Yes and Attrition no

There will be no impact on the Attrition due to overtime

Most of the employees are not doing the obver time



Impact of Job Role on the Attrition



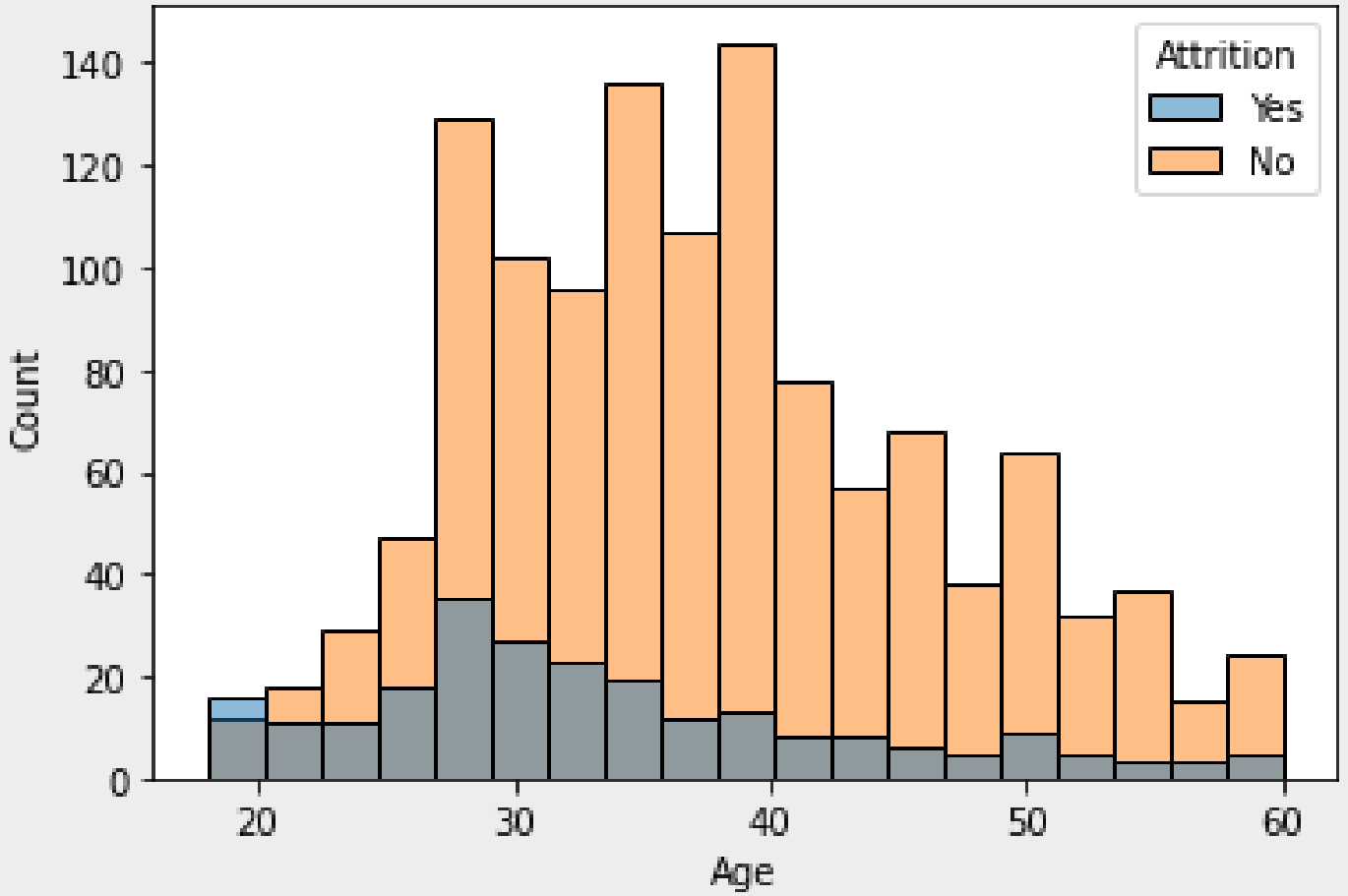
As the graph shows, the job role is not impacting the Attrition

Laboratory tech and sales executive semms to high in Attrition

Impact of Age on Attrition

Employee between the age 25 to 35 are leaving job highly

Employee having high age,in this case the percentageo of leaving the job very less

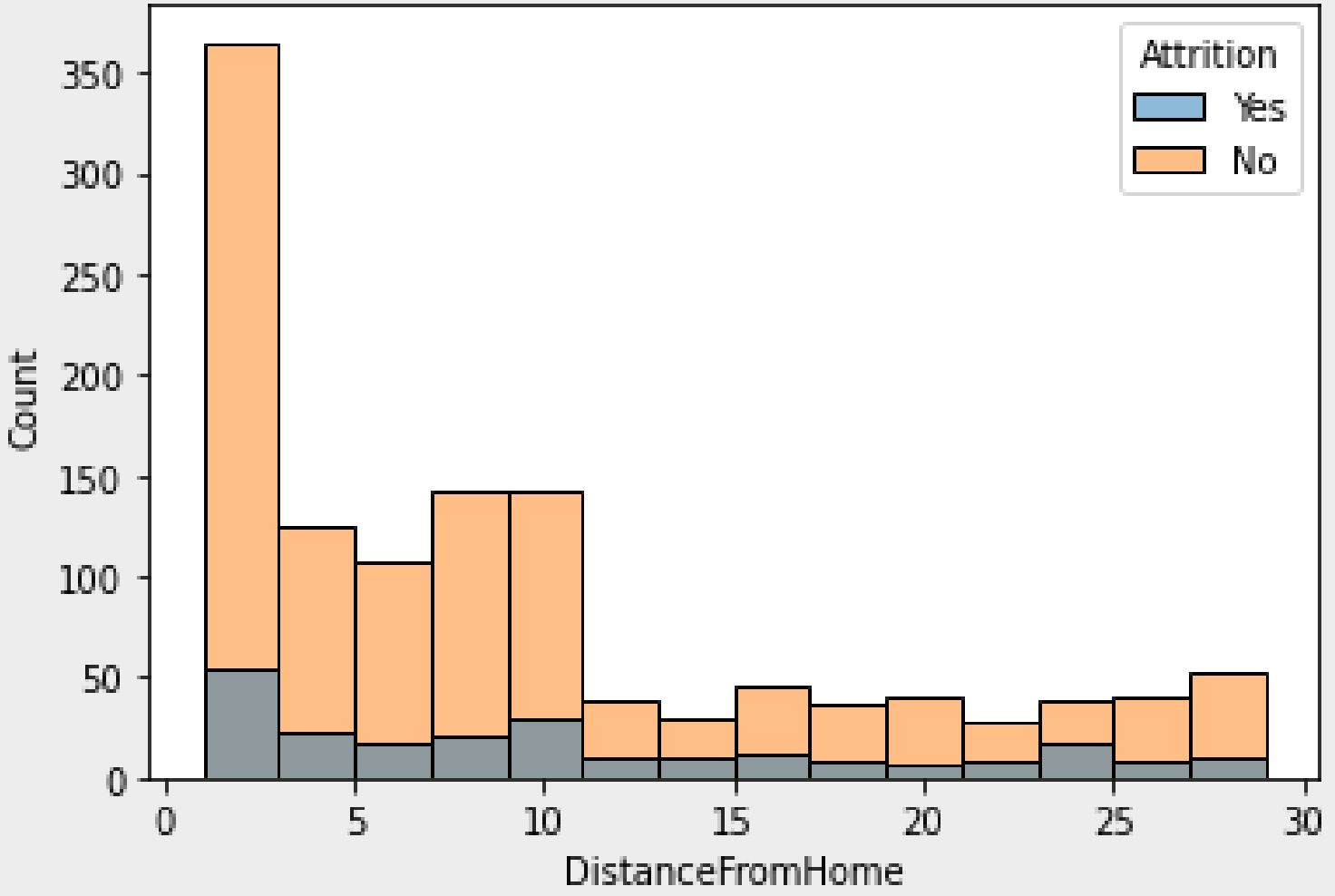


Impact of Distance from home on Attrition

It seems that the distance between 0 to 10, more employees are attrited

As the long distace less will be the employee attrition

Surprisingly, the employees having the distance range between the 13 to 28 from home to office they are not leaving the job.

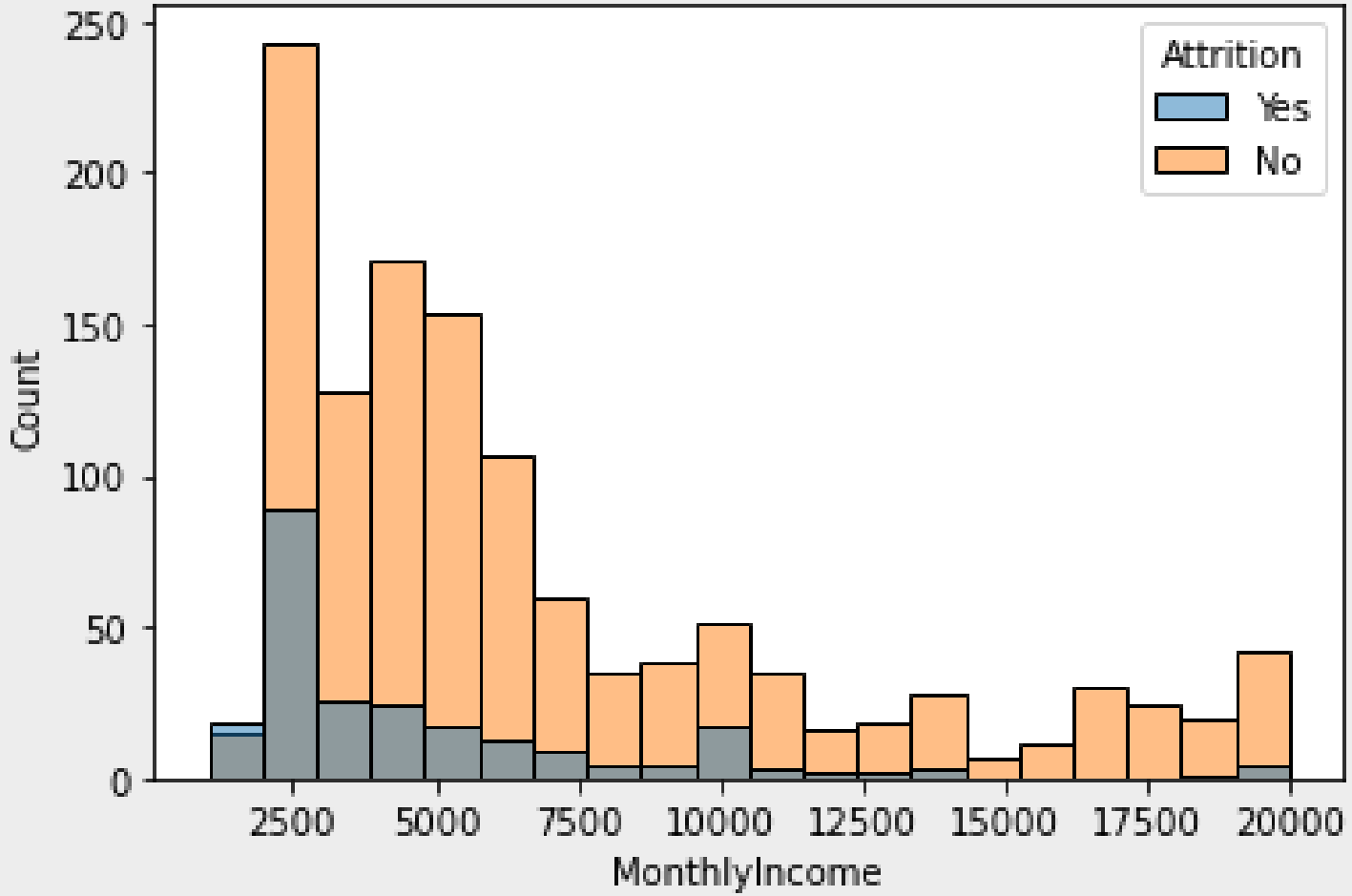


Monthly income impact on Attrition

The employees having monthly income between 2000 to 10000, they are leaving the job more in cases

The employe having the income between 11000 to 20000, seems that Attrition is less

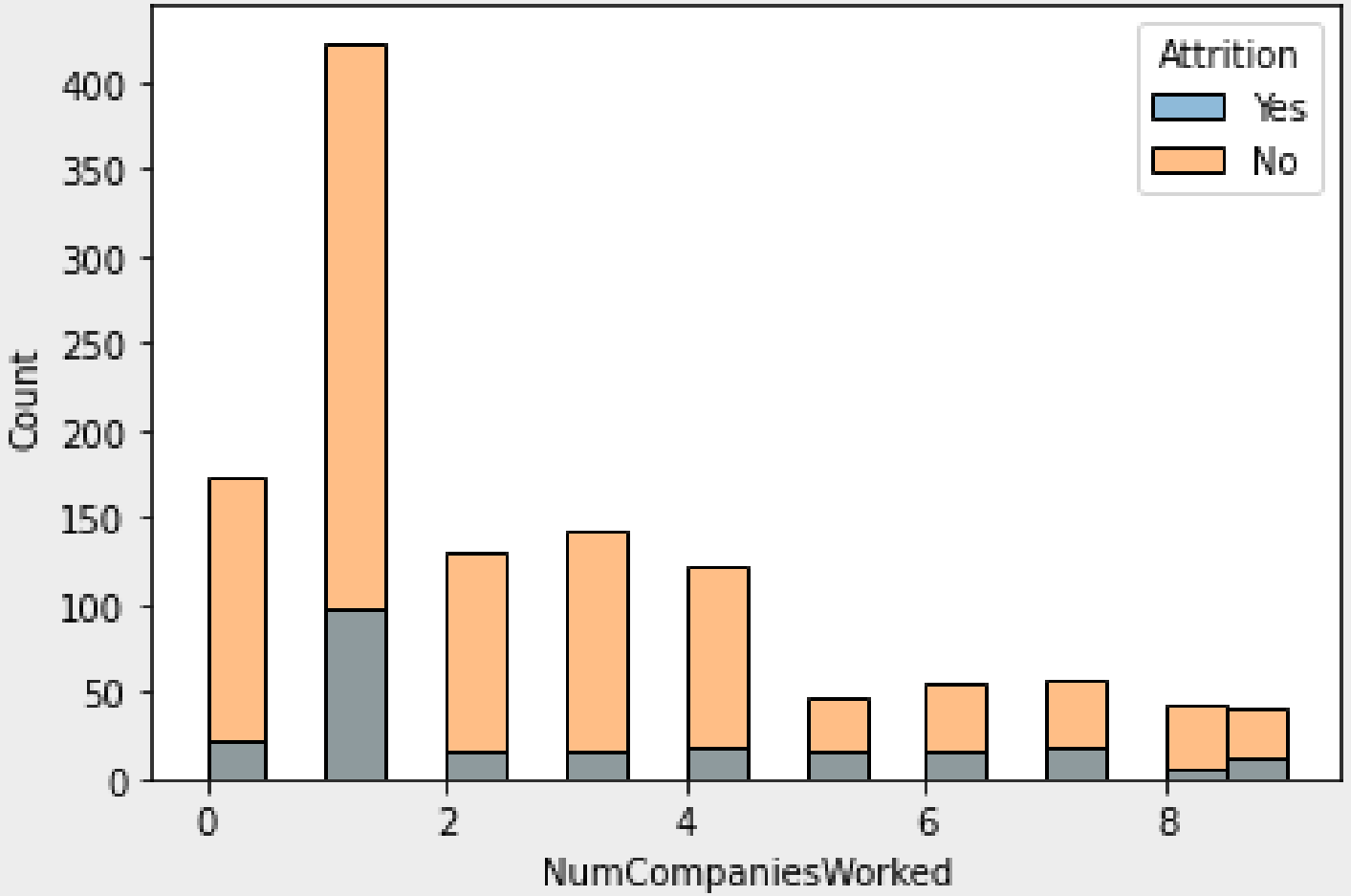
We can say that the more is salary, less the attrition.



Impact of No of companies worked on Attrition

As per the histogram shows, the employee worked in 1 to 2 companies they are leaving the job

And the employee worked in more then 2 to 8 companies,less attrition rate is find.

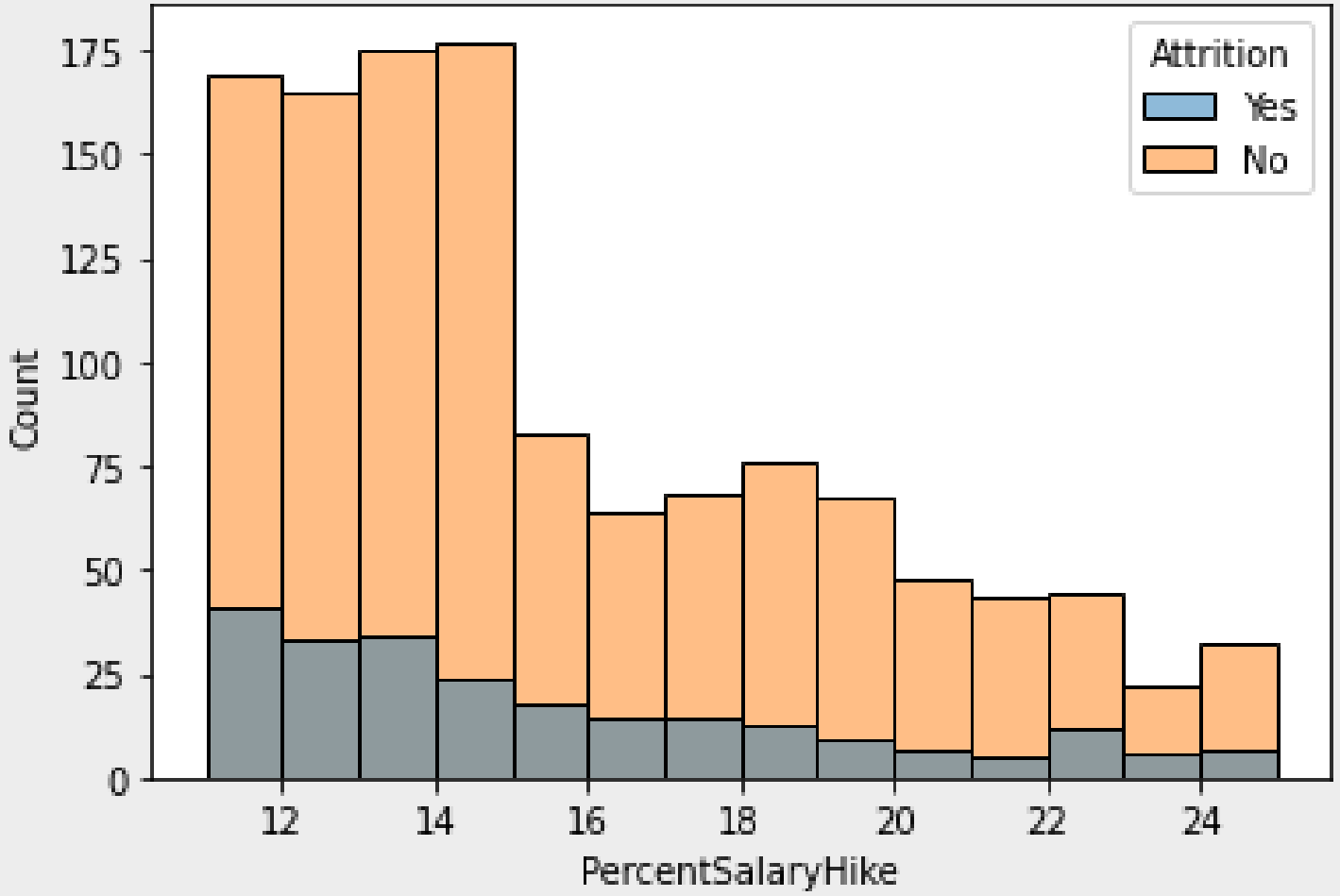


Impact of salary hike Attrition

The emloyee having salary hike percent betweeb 10 to 16,more is employee attrition

Incase of 18 to 26 percent salary hike, less attrtion is there

We can say that, more is the salary hike less will be the attrition.

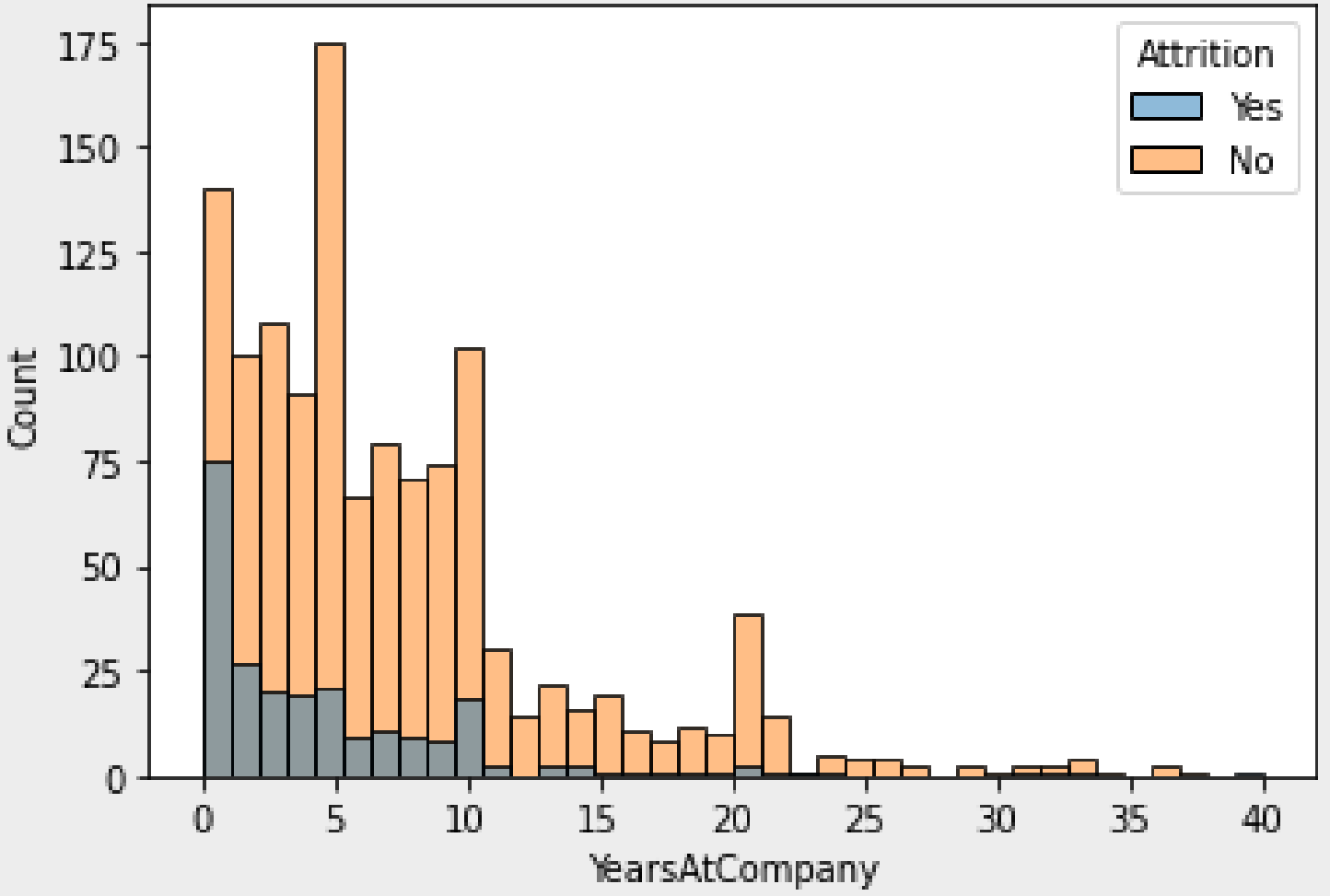


Years at the company

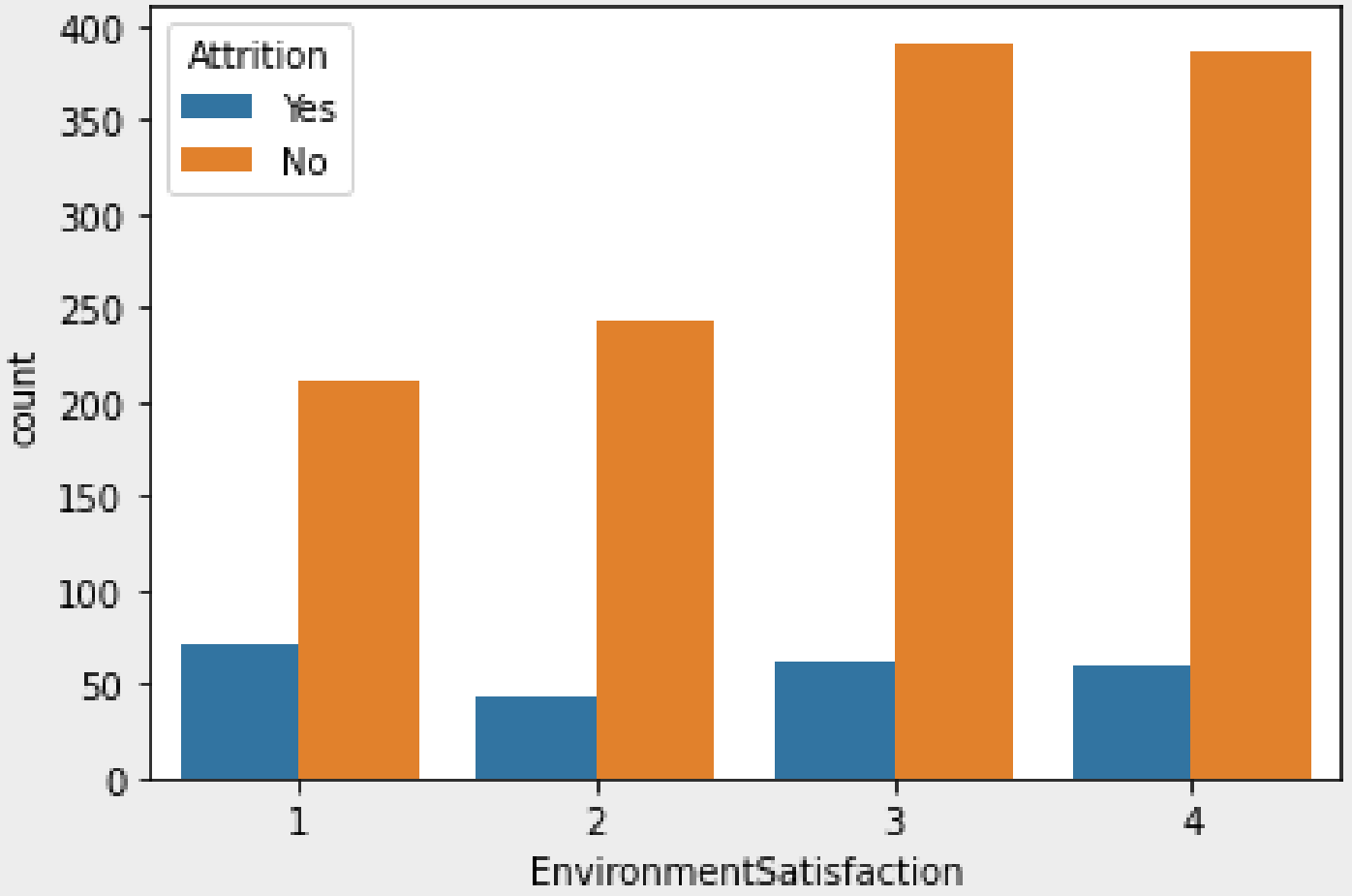
Higher is the years at the company,more is in attrition

Lower is the years at company,lesser is attrtion

It seems that the years at company between 0 to 10,in this case more is Attrtion



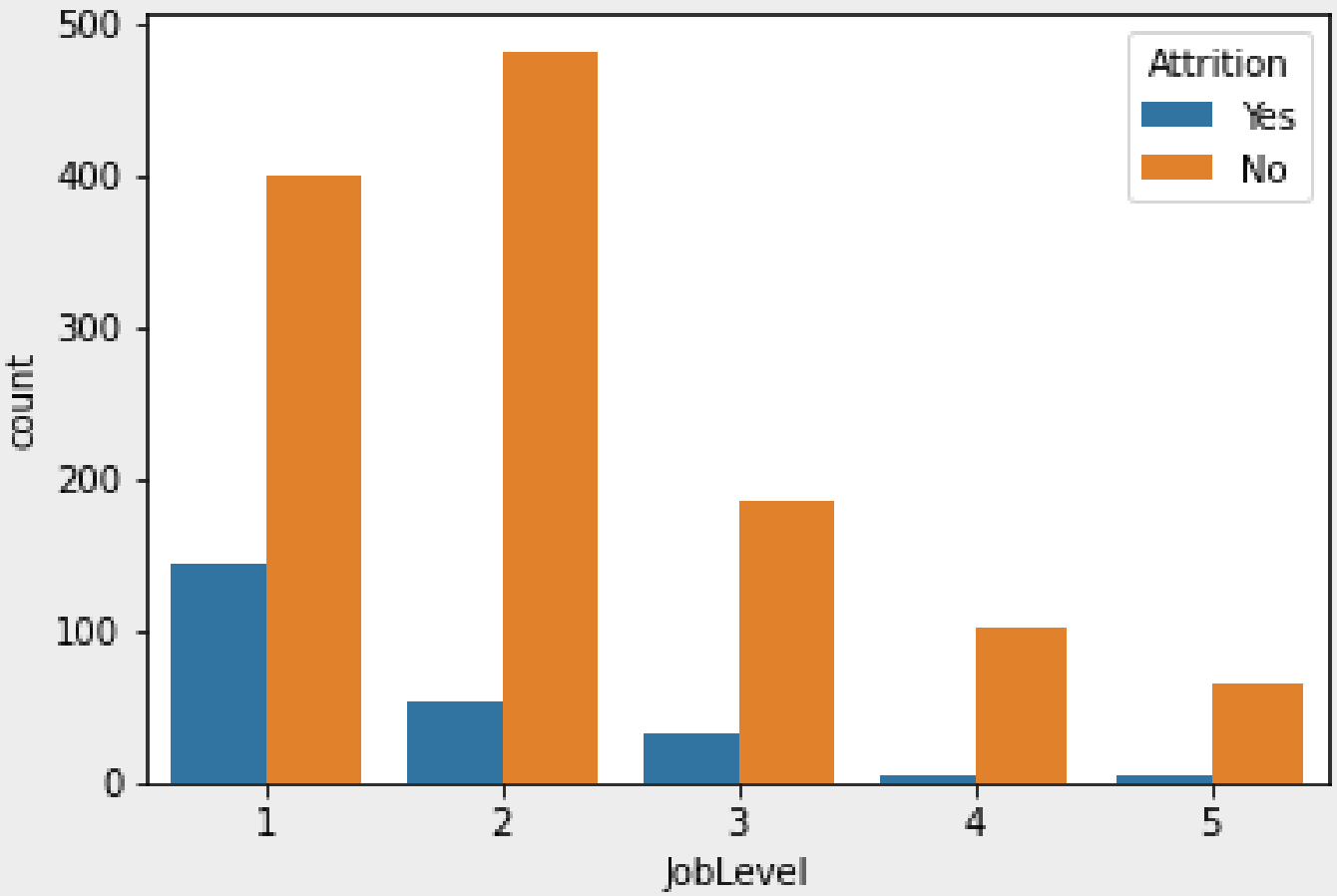
Impact of Environment Satisfaction and job satisfaction on Attrition



Increase in rate of Environment Satisfaction and job satisfaction lesser the Attrition

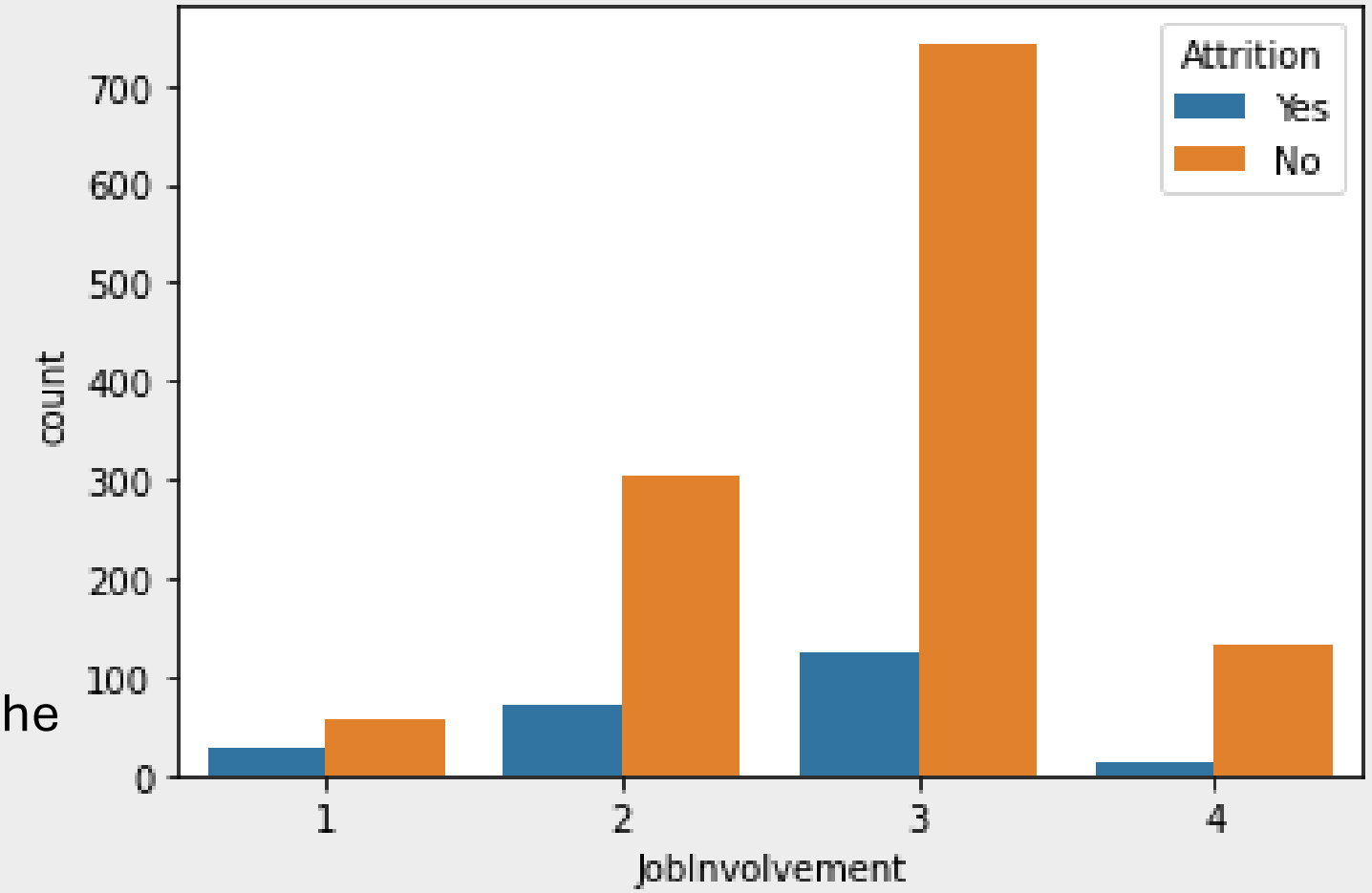
Impact of Job Level on Attrition

Increase in the level of job more the Attrition



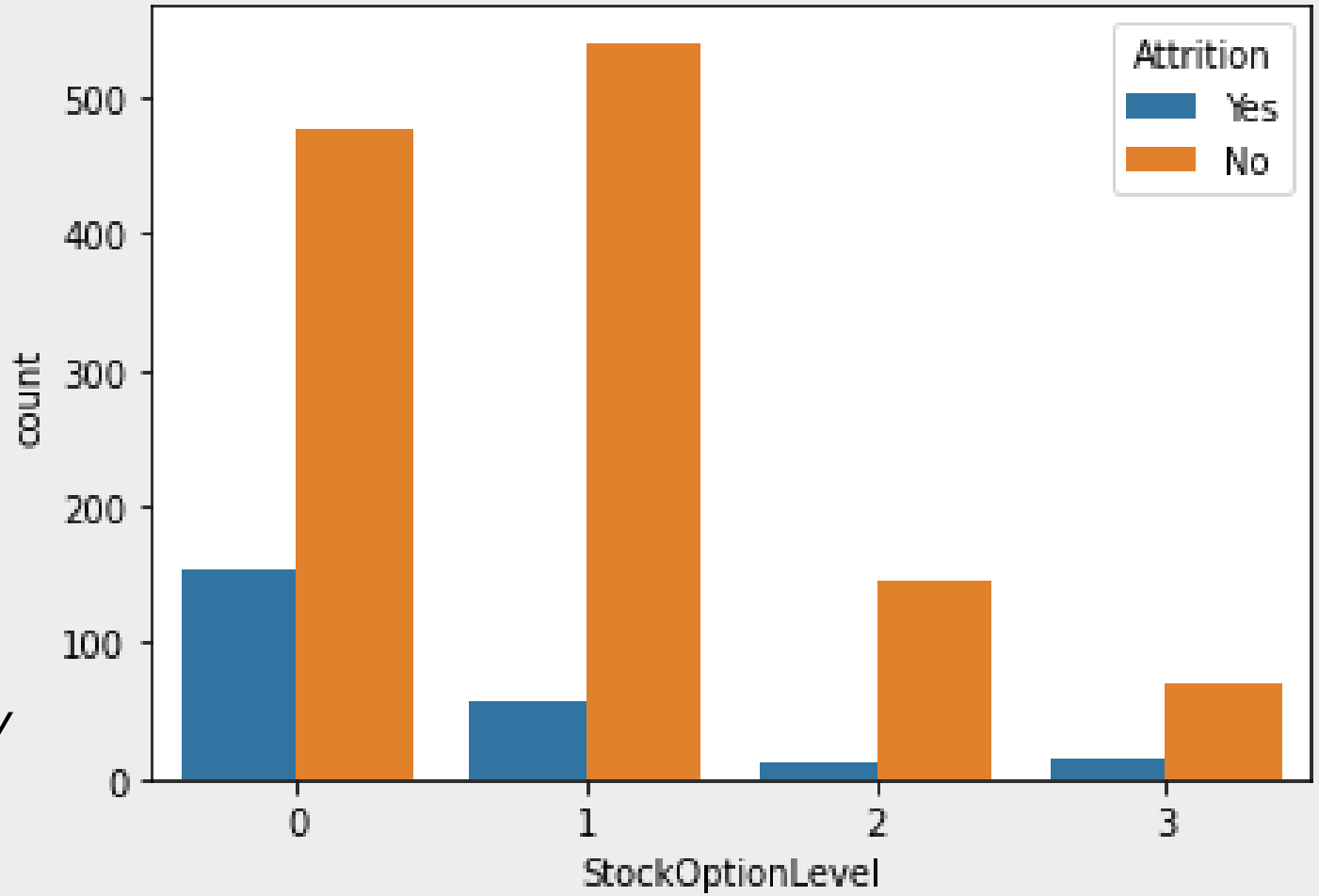
Impact of Job Involvement on Attrition

If more in job involvement more is the Attrition

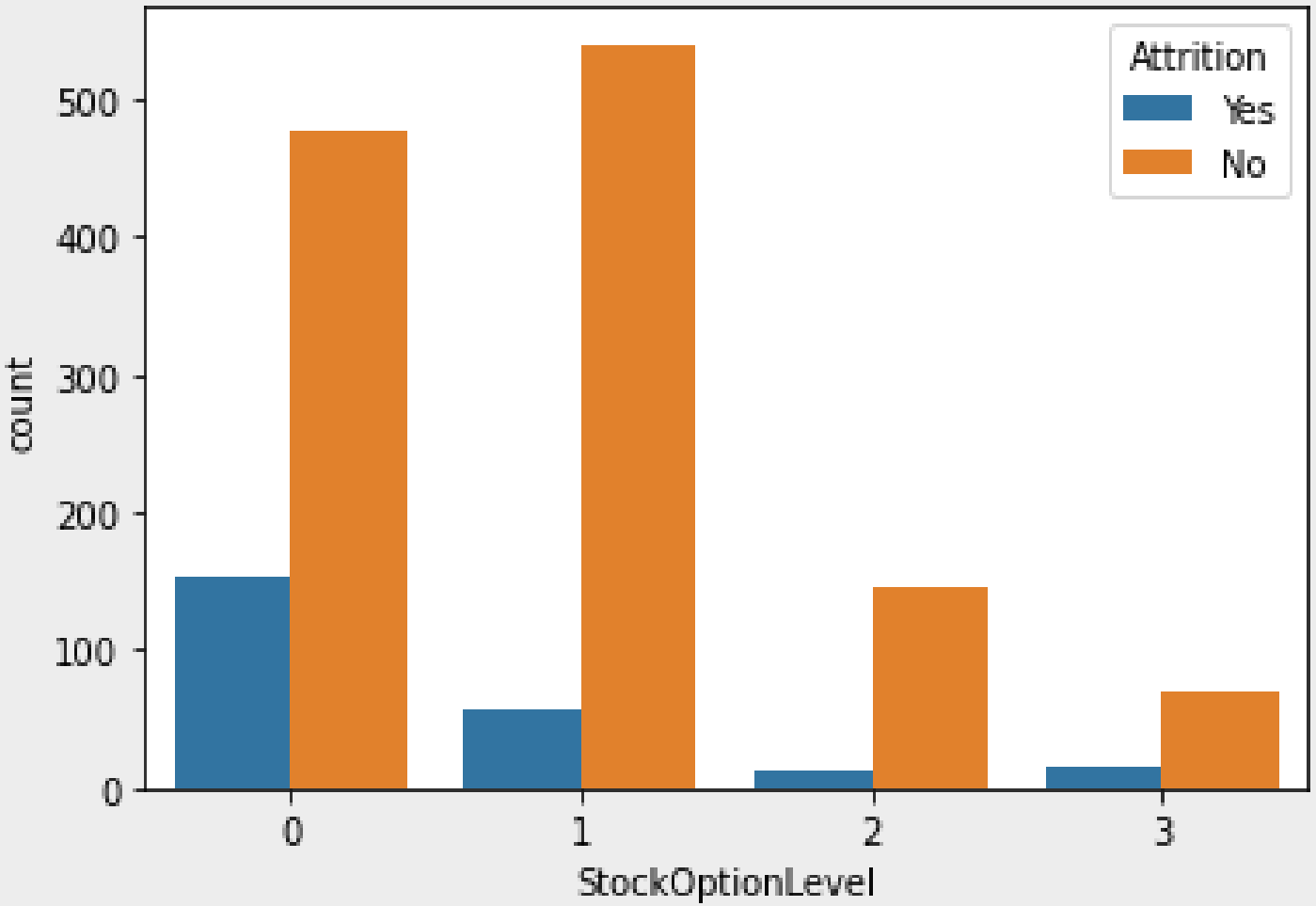


Impact of Stock Option level on Attrition

 # Employee dont have stock option they leave the organization



Impact of Performance Rating on Attrition

Employee has less performance rating, in this case more is attrition

More is the performance ratinf lesser is attrtion