EMPLOYEE DATA ANALYST

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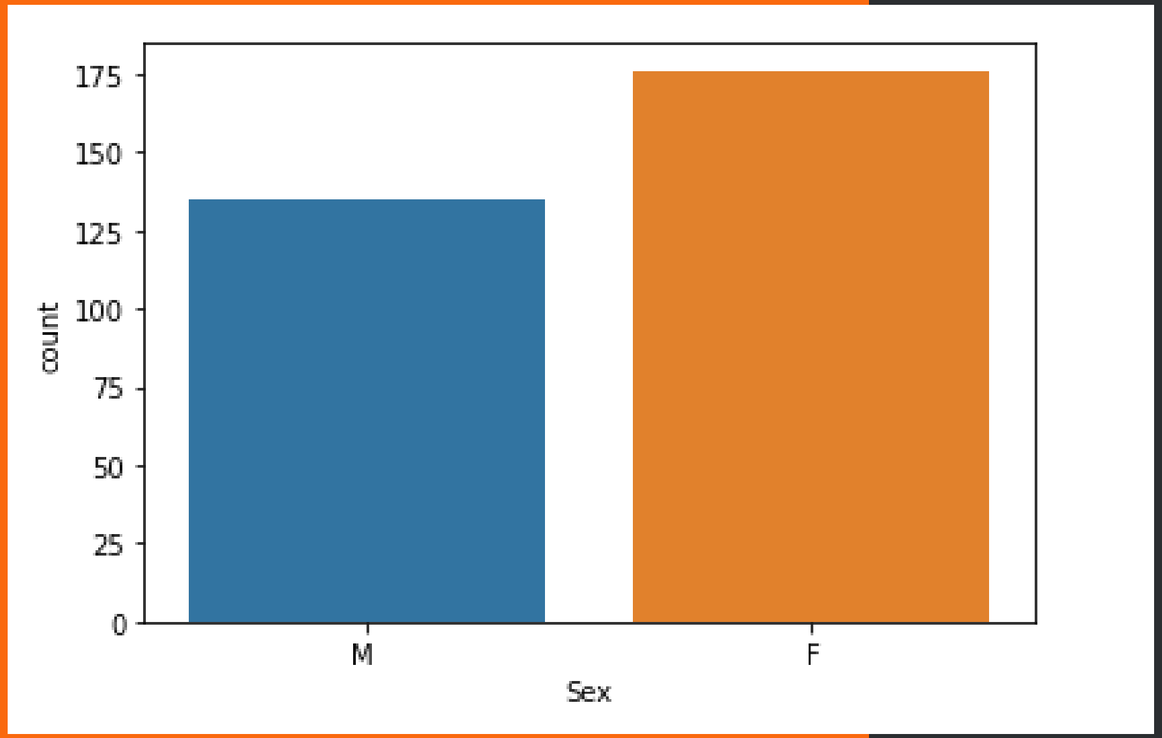
UNDERSTANDING DATA

We are analyzing open-source data from Kaggle that contains various employee information of 312 employees in 35 columns. We shall use this information to gather insights about the employees. we check for missing values in the data and we also plot the correlation of the columns in a Heatmap

UNDERSTAND GENDER DISTRIBUTION

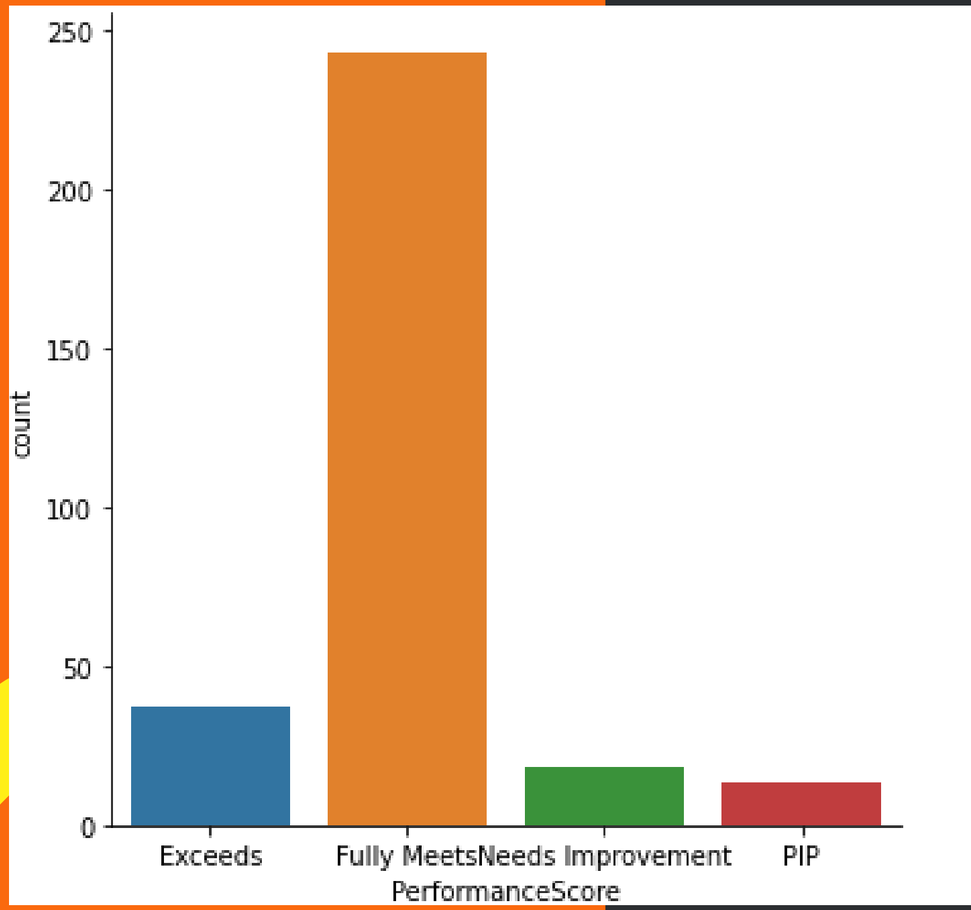
From the data, we can note that there are more female employees as compared to male employees.

However, the difference between male and female employees is not very large, as the plot shows.

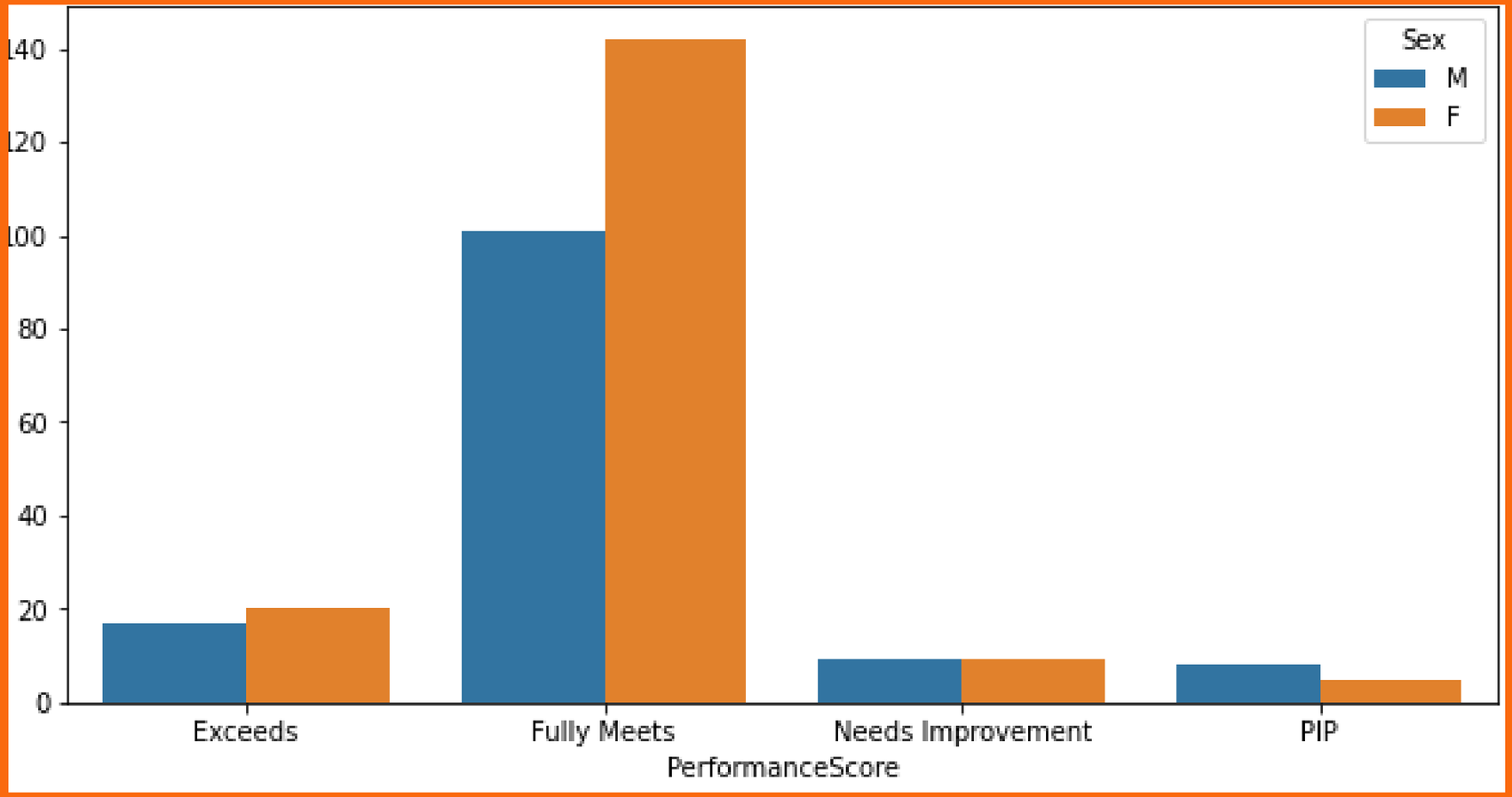


UNDERSTANDING PERFORMANCE

This plot shows the employee performance distribution. From this plot, it can be concluded that the majority of the employees meet the performance demand which is a good indicator for the company.

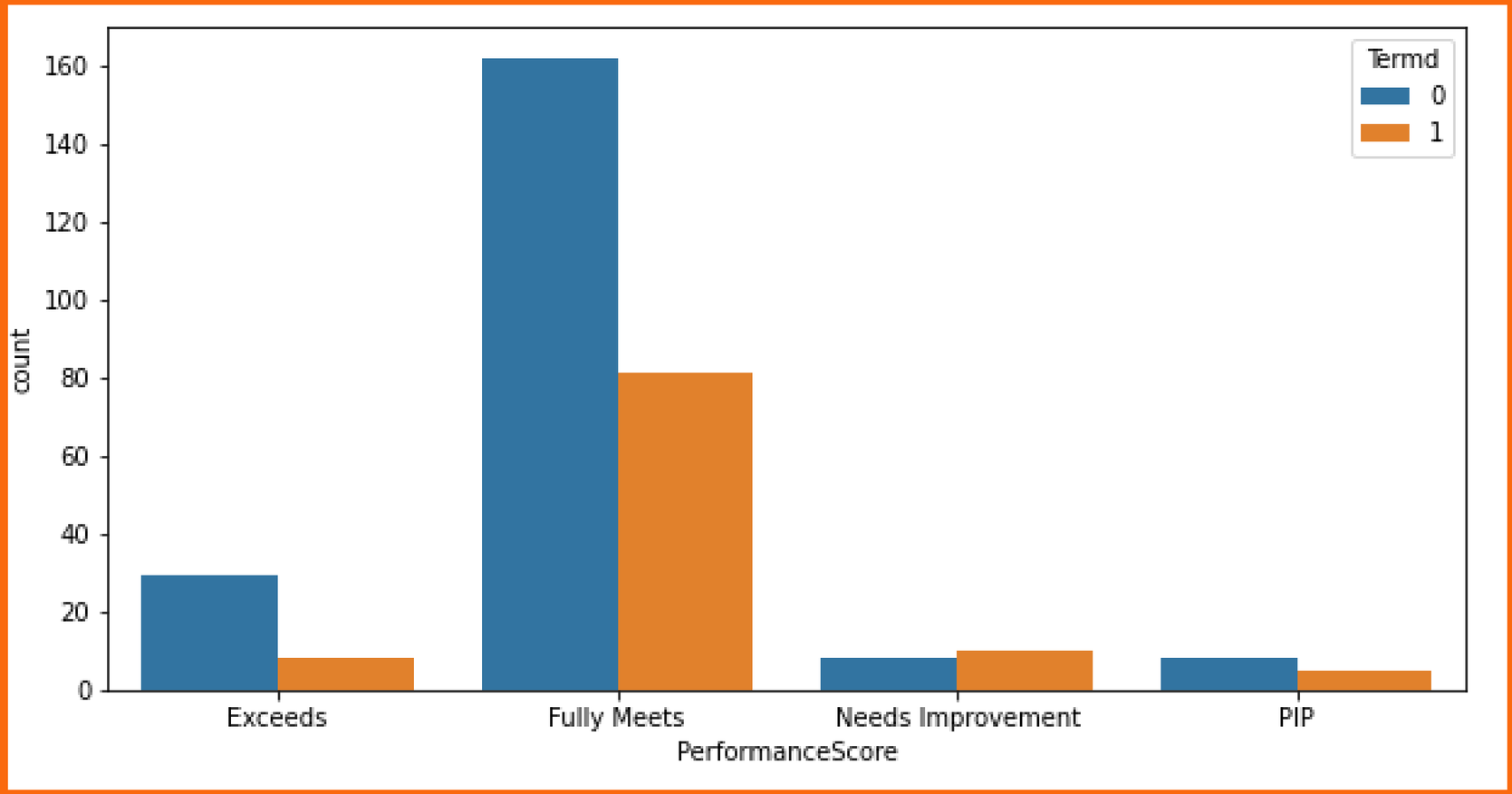


UNDERSTANDING PERFORMANCE DISTRIBUTION ACROSS GENDER



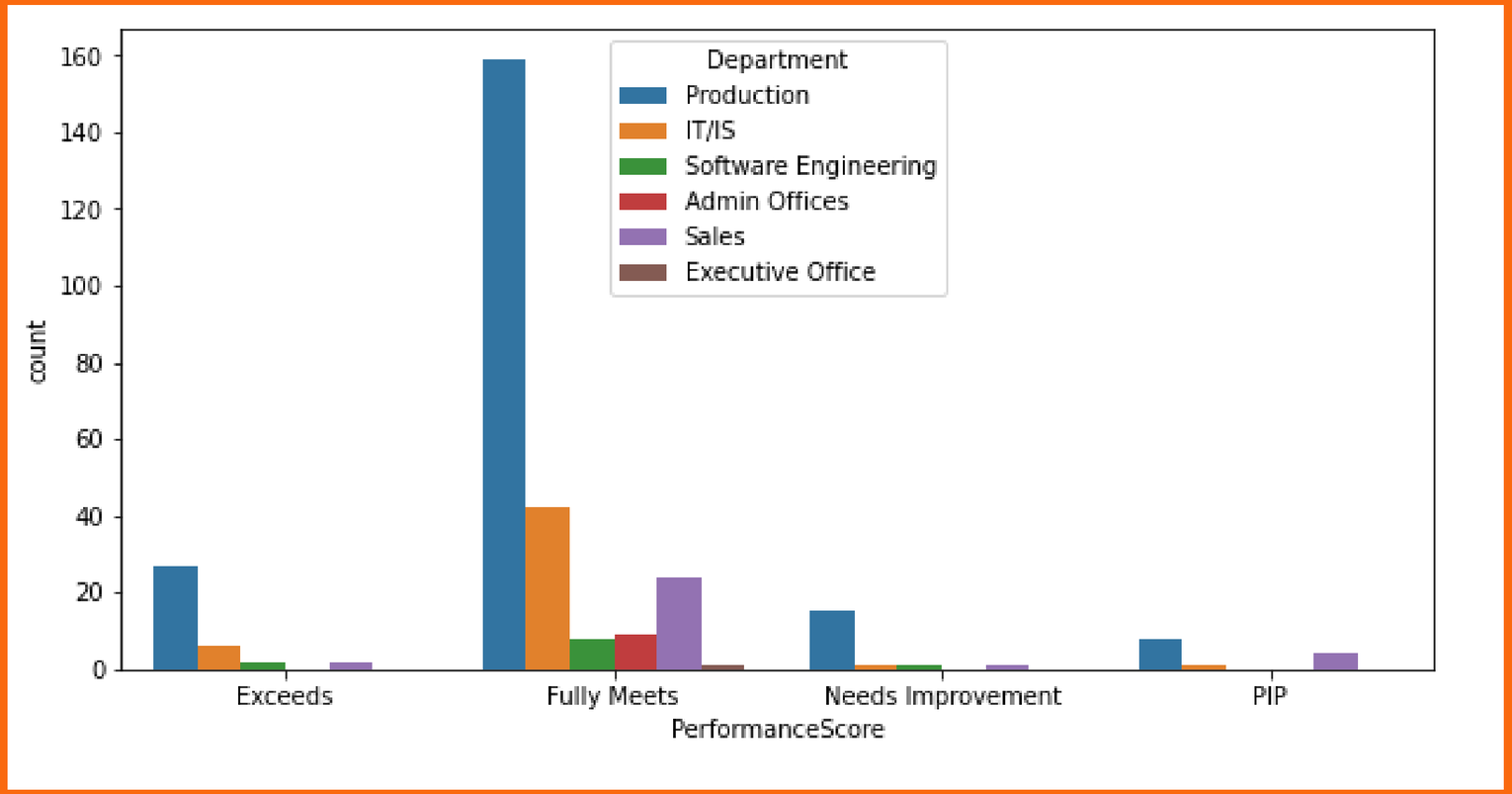
This plot indicates that performance distribution is fair across gender.

UNDERSTANDING PERFORMANCE DISTRIBUTION ACROSS GENDER



This plot indicates that employees that were terminated did not meet the performance expectations.

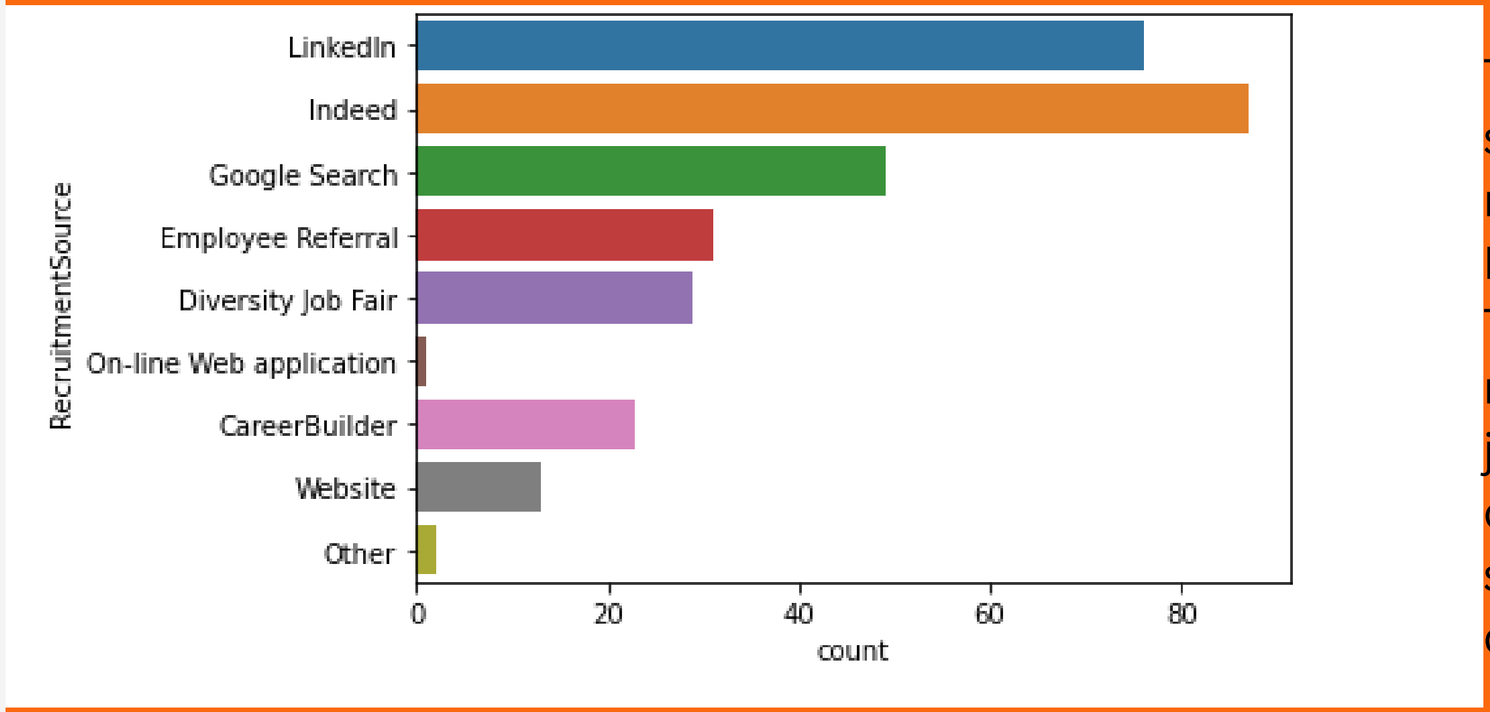
PERFORMANCE ACROSS DEPARTMENTS



This plot shows the distribution of employees across different departments and their performance. We can see that majority employees are in the production department and they fully meet their performance expectation

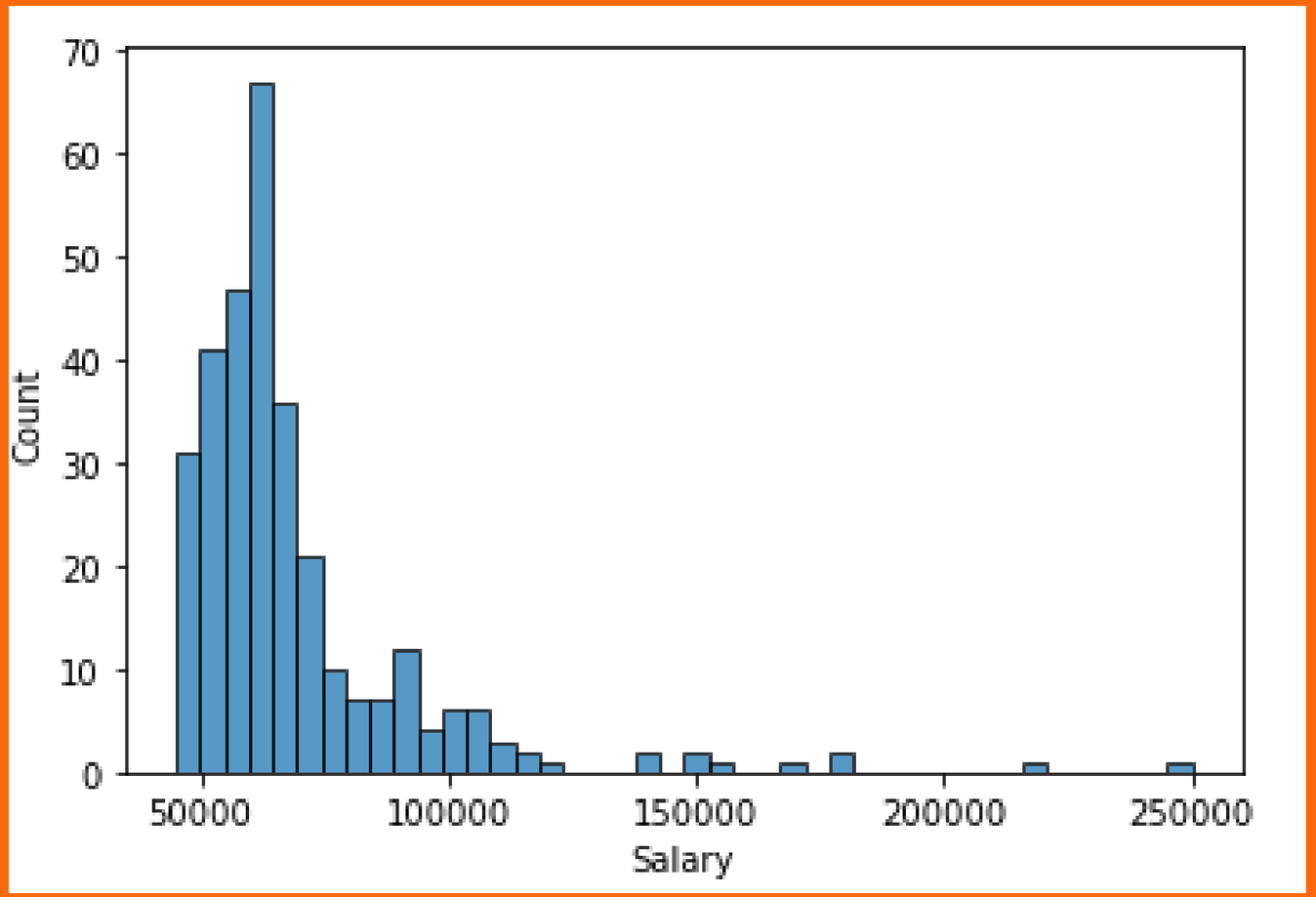
RECRUITMENT SOURCES

More Reactions



This plot shows different recruitment sources for the company. We see that the majority of recruitment is from the Indeed platform followed by LinkedIn. There are various other sources for recruitment such as employee referrals, job fairs, CareerBuilder, etc. The company can further diversify its recruitment sources by recruiting freshers from colleges and universities.

SALARY



This plot shows the distribution of salaries for the employees. We can see that the maximum number of employees have their salaries between 50000 to 80000.

THANK YOU

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