



Salary Prediction EDA

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Agenda

Salary Distribution

Gender Distribution

Age vs Salary

Sex vs Salary

Ratings Distribution

Past Experience vs Salary

Average Salary Over the Years

Leaves Used vs Leaves Remaining
Over the Years

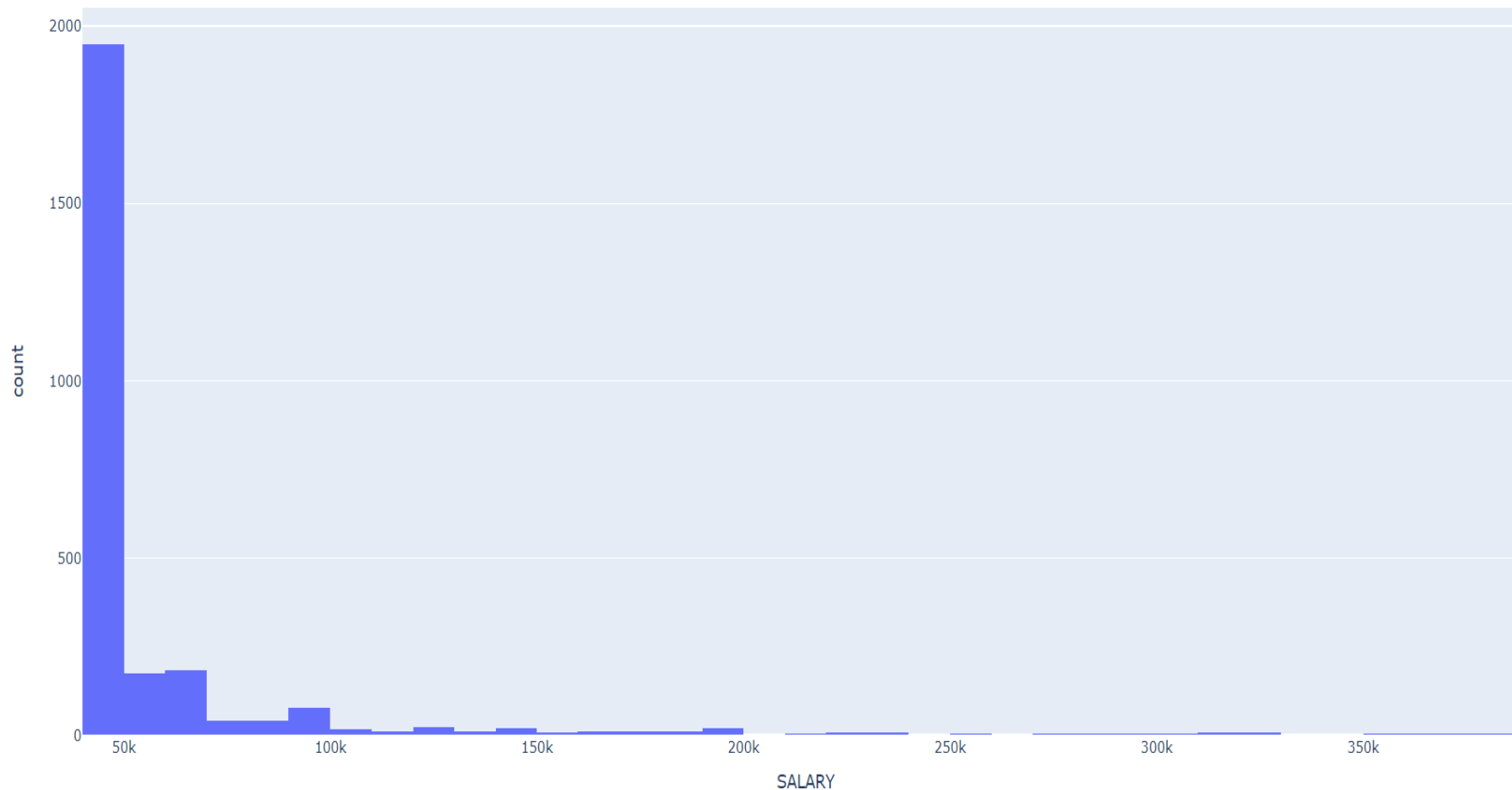
Most Common Designation and Unit
Over the Years

Most Common Sex Over The Years

Correlation heatmap

Salary Distribution

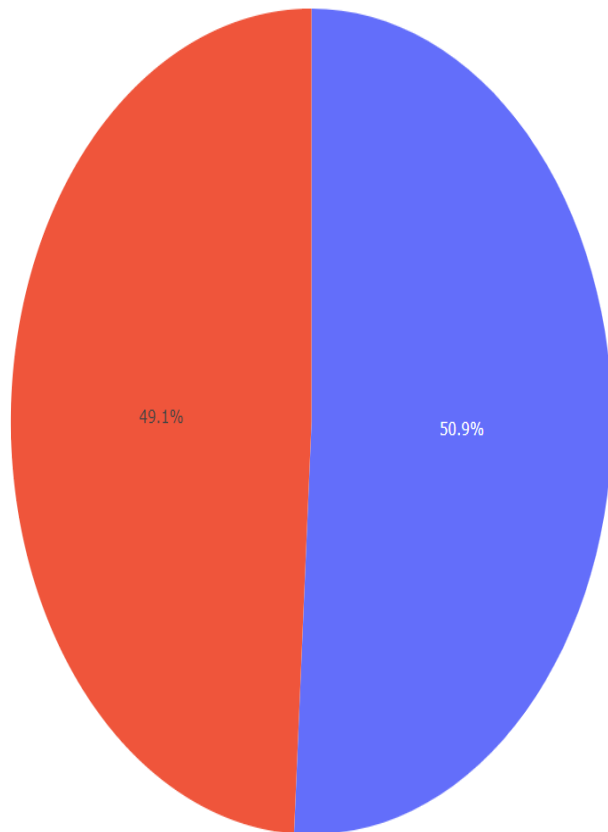
Salary Distribution



- It shows the salary distribution per people.
- Most of the people's salary is in the range of 50k.

Gender Distribution

Gender Distribution

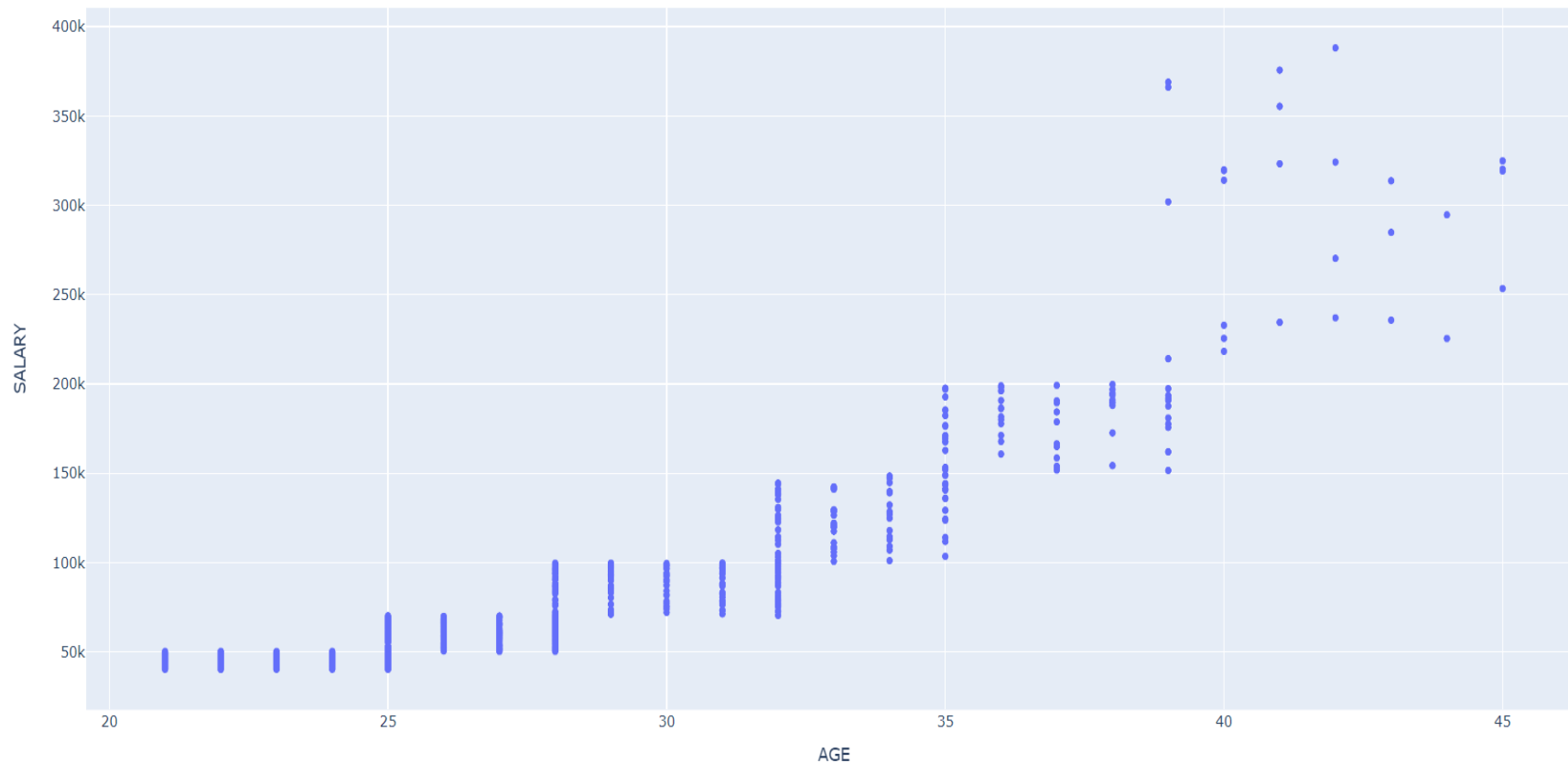


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The percent of males seems to be equal to the percent of females, but the females still a bit more.

Age vs Salary

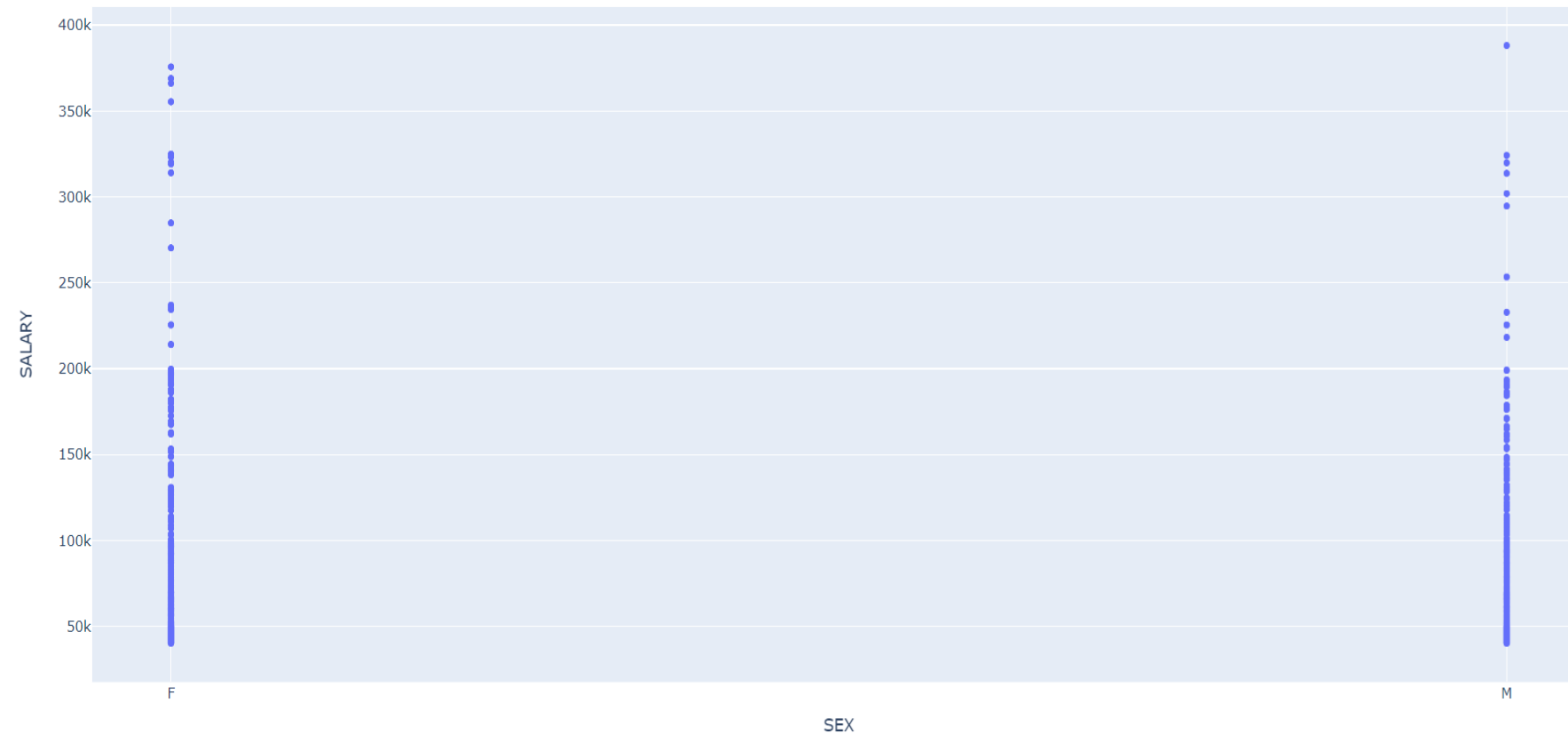
Age vs Salary



- Salary increases as older the person is.
- Very little amount of people seems to have higher salaries.

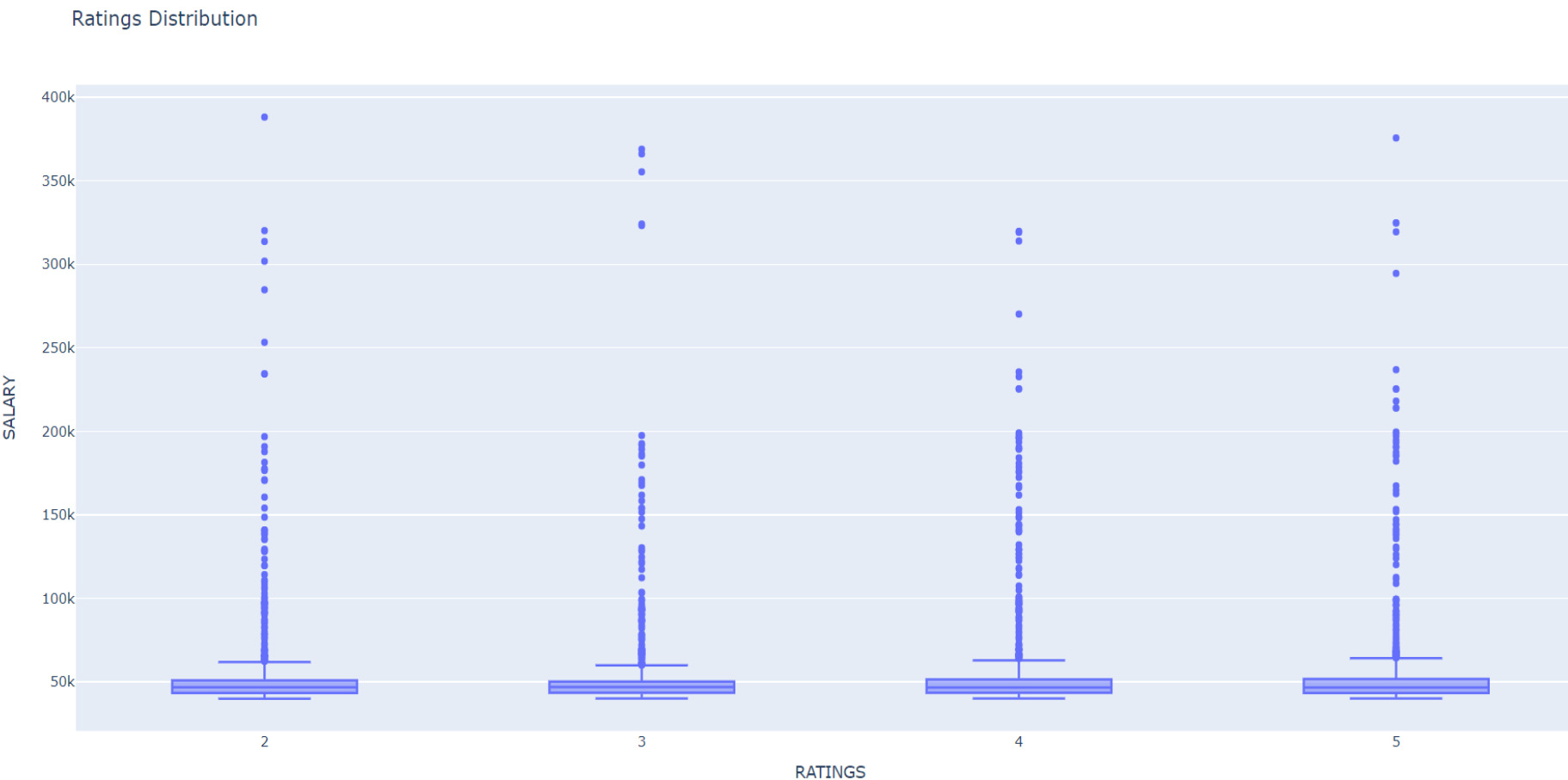
Sex vs Salary

Sex vs Salary



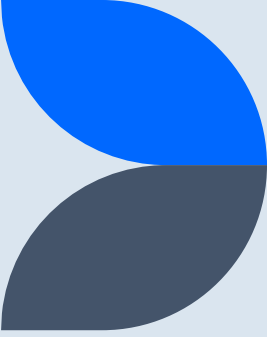
Actually, the number of females that takes high income is greater than that of males.

Ratings Distribution

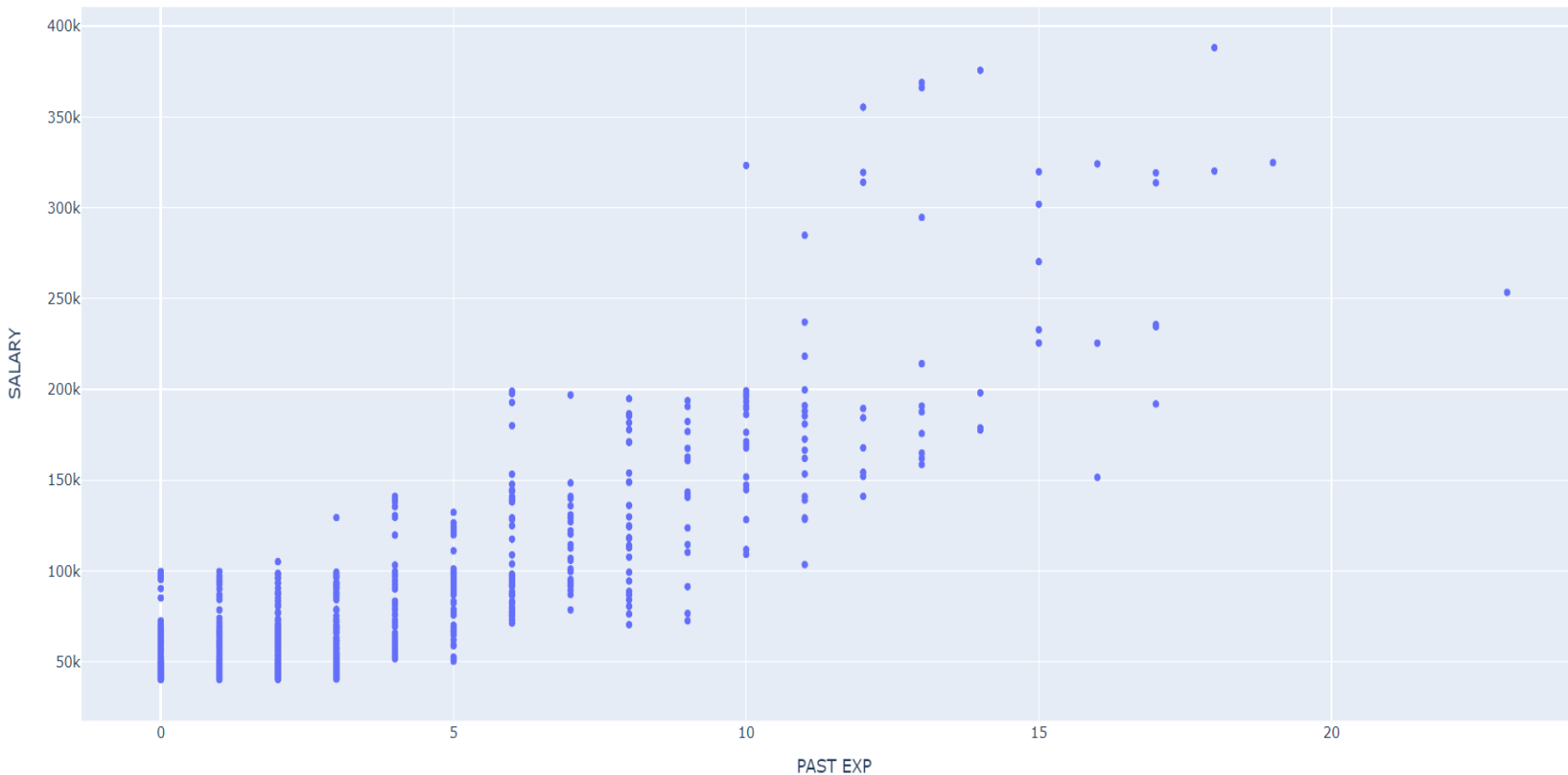


Rating of the person seems not affect the salary by the way.

Past Experience vs Salary

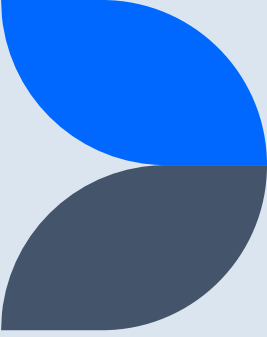


Past Experience vs Salary

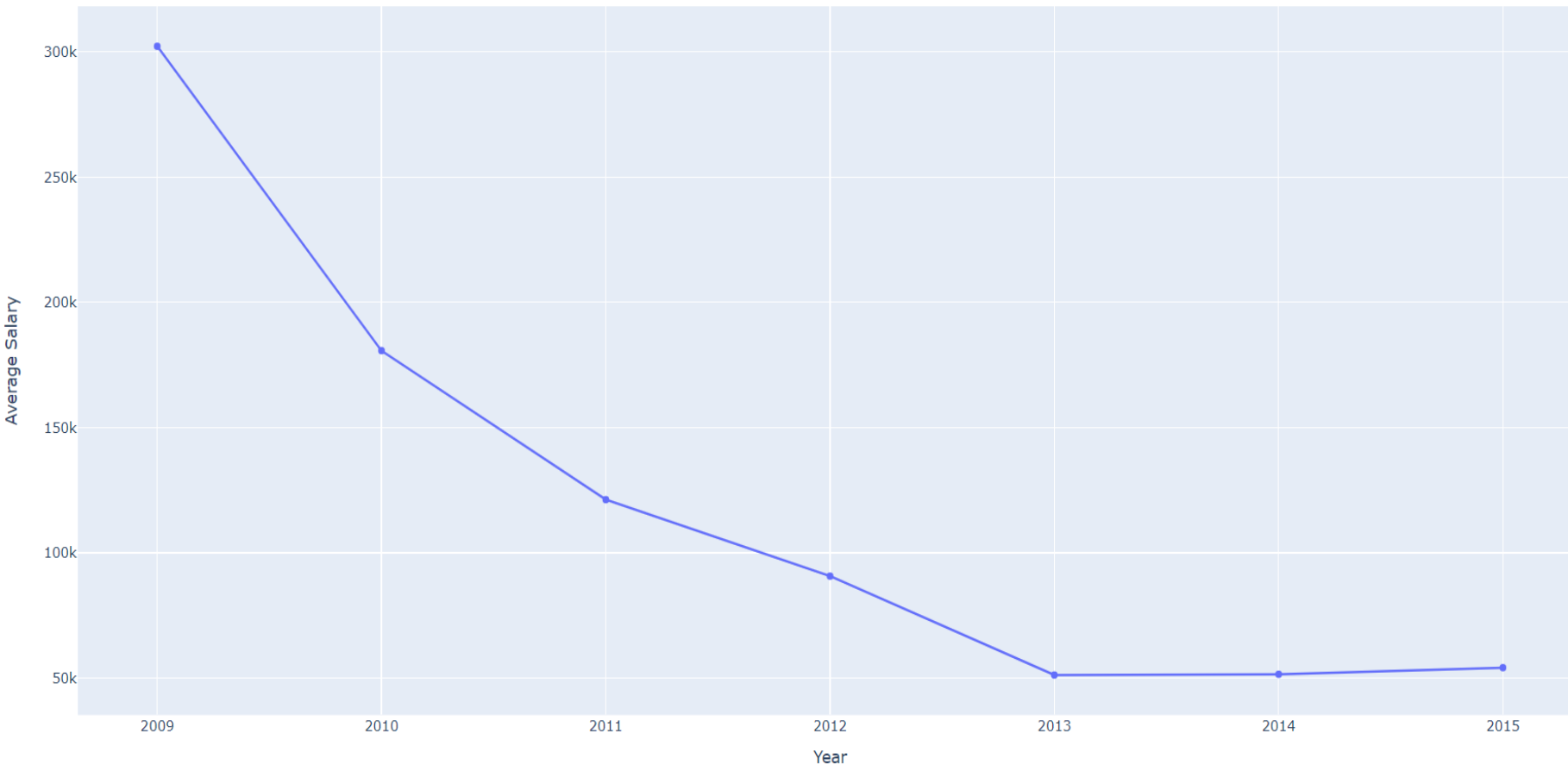


At most, Salary increases as experience increase **EXCEPT** if you're unlucky person.

Average Salary Over the Years



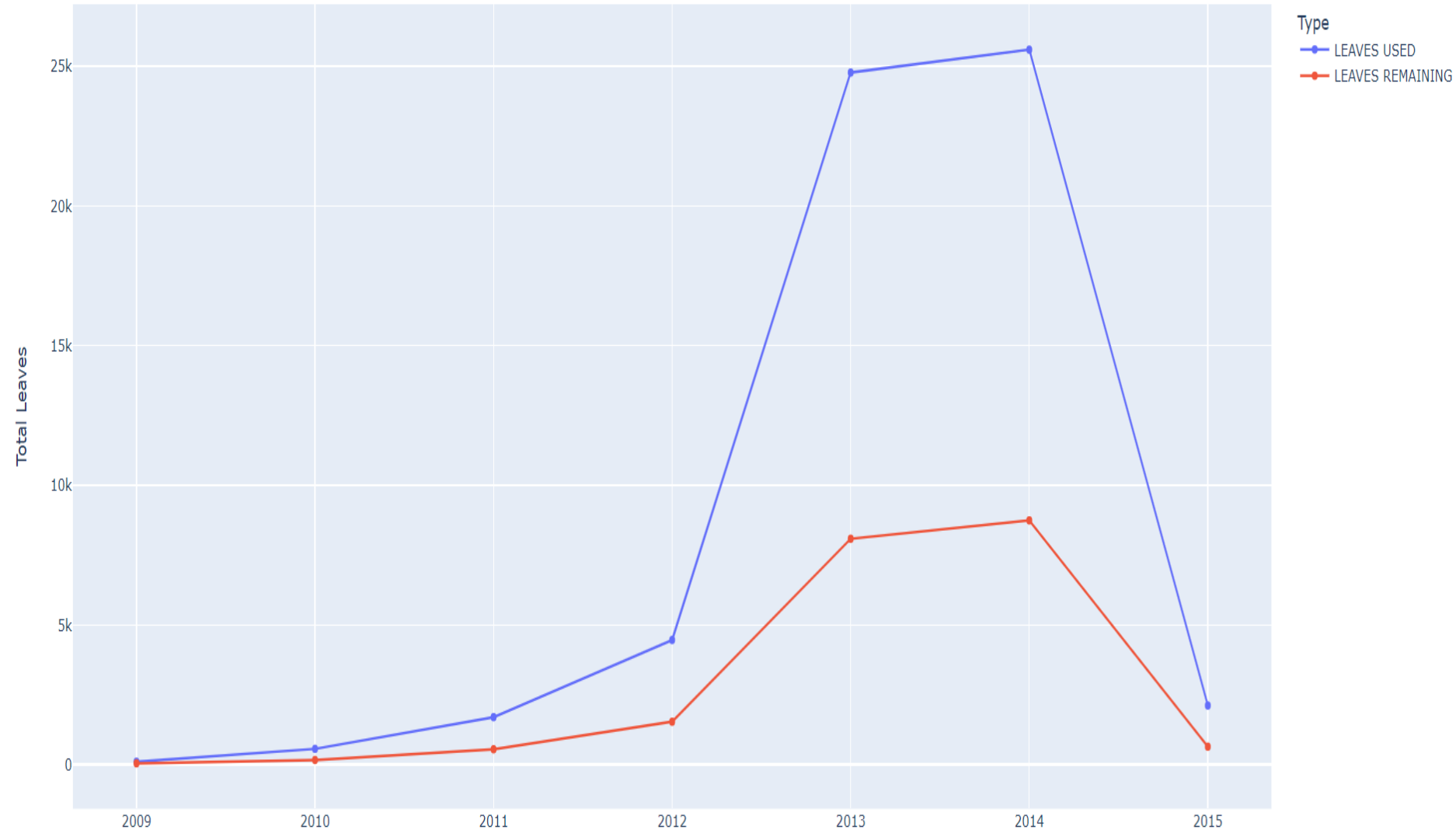
Average Salary Over the Years



It seems that salaries are decreasing as we move towards the future.

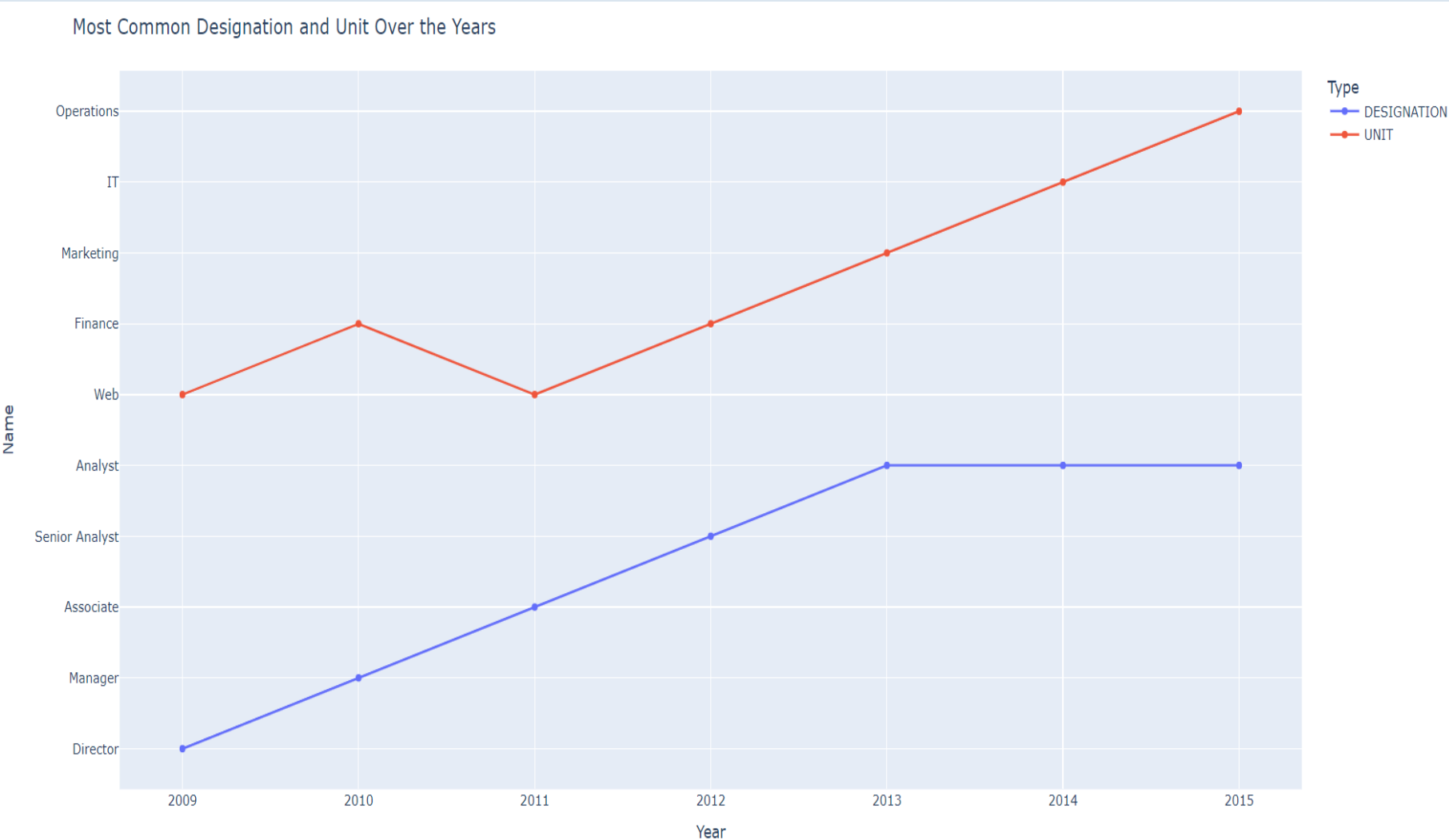
Leaves Used vs Leaves Remaining Over Years

Leaves Used and Leaves Remaining Over the Years



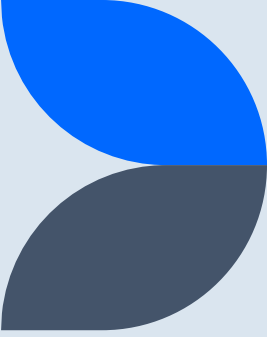
It seems that paper consumption decreases we move towards the future.

Most Common Designation and Unit Over the Years

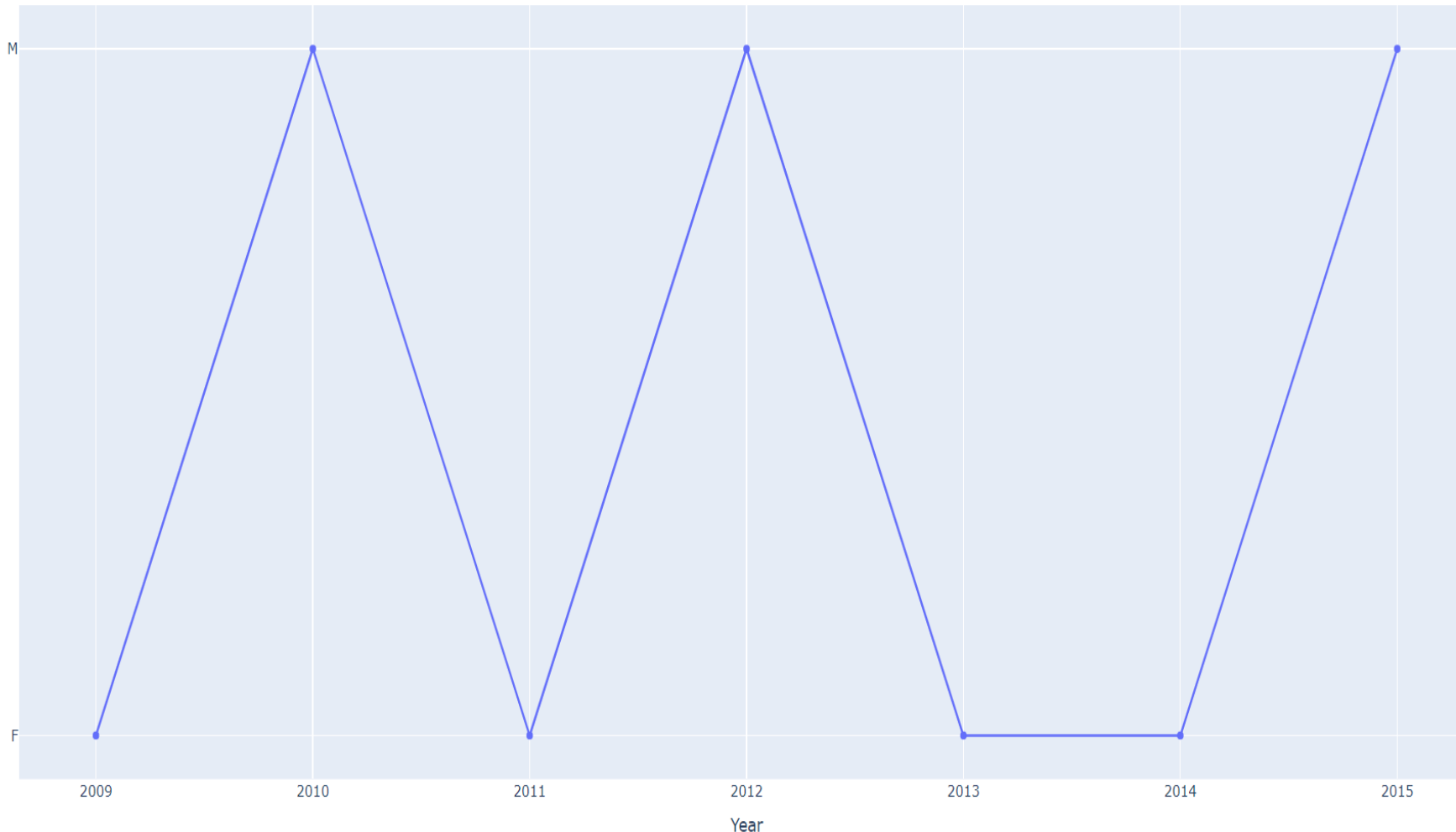


Comparing the 5 Upper jobs with the 5 lower ones in terms of most common one per year.

Most Common Sex Over The Years

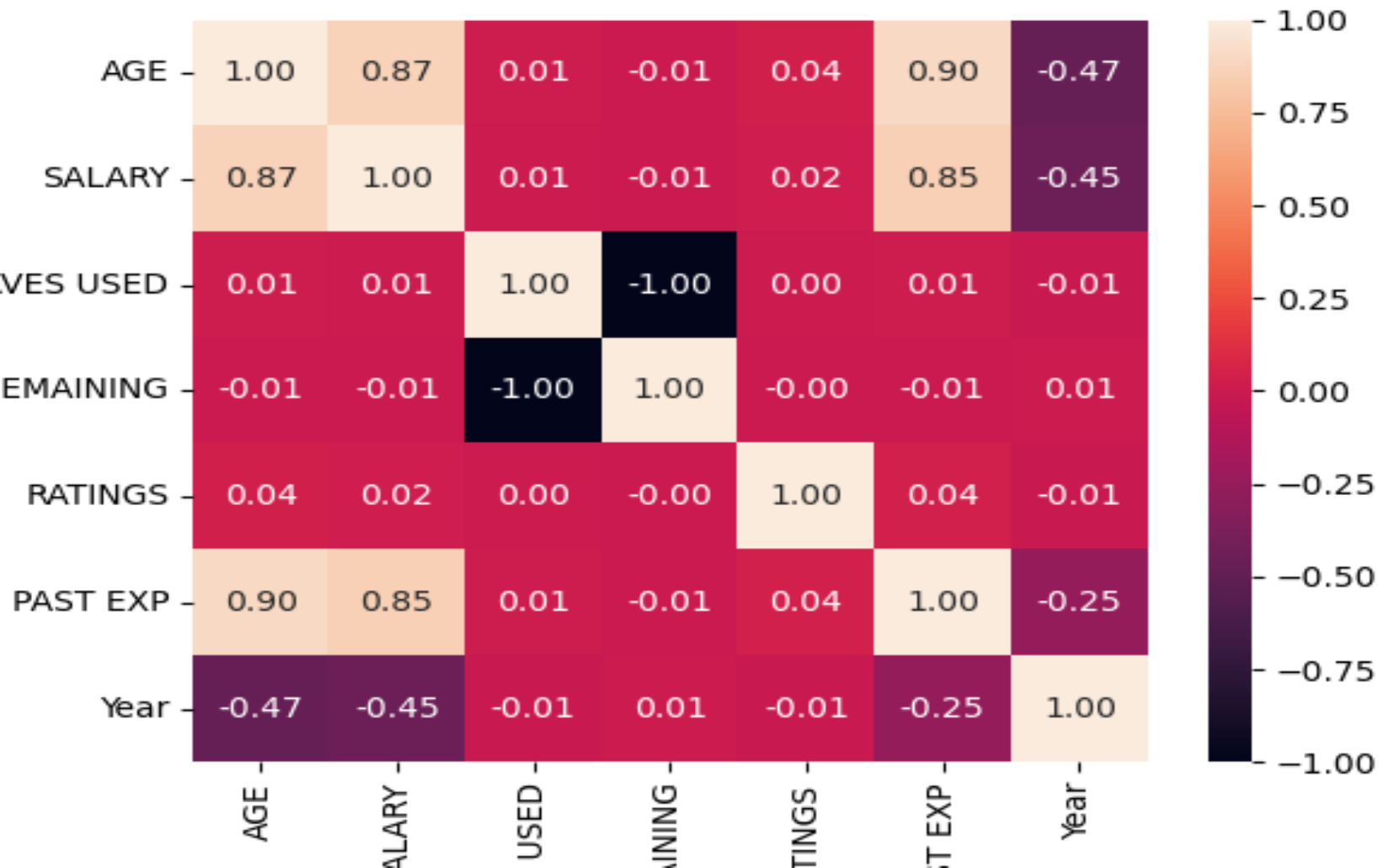


Most Common SEX Over the Years



Shows the most common sex in that are working per year

Correlation heatmap



Shows which of the current feature affects the **Salary**.



Thank you