



HR Project EDA

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Outlines

- 1- Introduction
 - 2- Data
 - 3- Data cleaning & preparation
 - 4- Graphs
 - 5- Conclusion
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/ Introduction

- The main purpose of this analytical report is to provide clear insights into financial management about how to manage the company's budget and include nominations and rewards for employees. The first stage of analyzing the HR data is to clean, prepare, and handle data. The second stage is to apply the feature selection to the HR data frame and to reduce the compositional processing in such a way that we achieve the goals of this analysis. Lastly, provide a clear visualization to make the data easier to understand and pull insights from.
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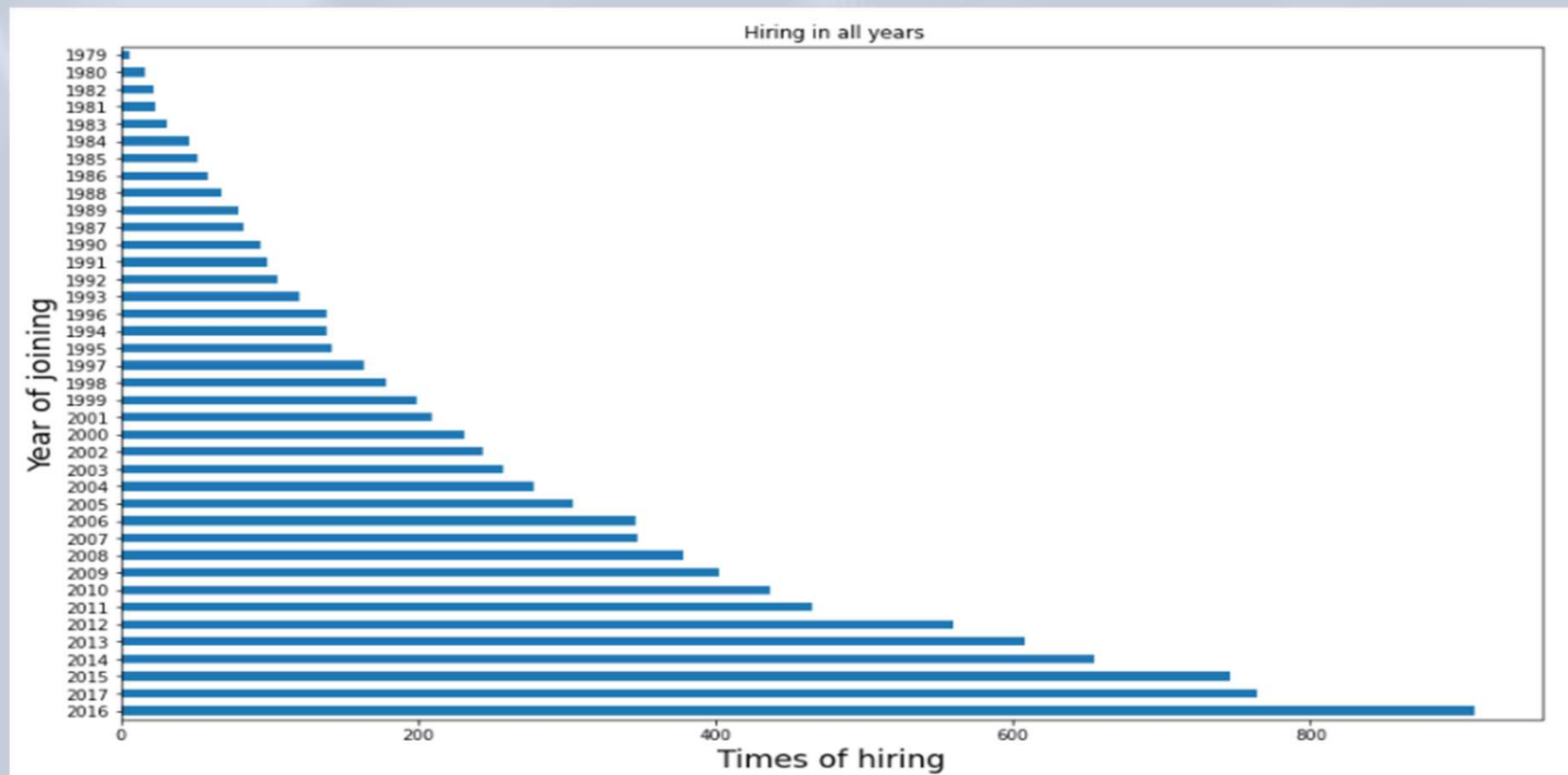
Data

Dataset for Human Resources. The datasets are generated through random logic in VBA. This data set categorized under "Human Resources" category. The dataset from E for Excel. In project data was collected, pre-processed, and Visualized for hiring in all years from 1979 to 2017, Comparison the mean salaries of each year from 1979 to 2017, The mean of Age in Company (Years) and Salary from 1979 to 2017, The percentage of Male & Female in the company, top 10 States in hiring, and compare of Gender & Years in the company for all States.

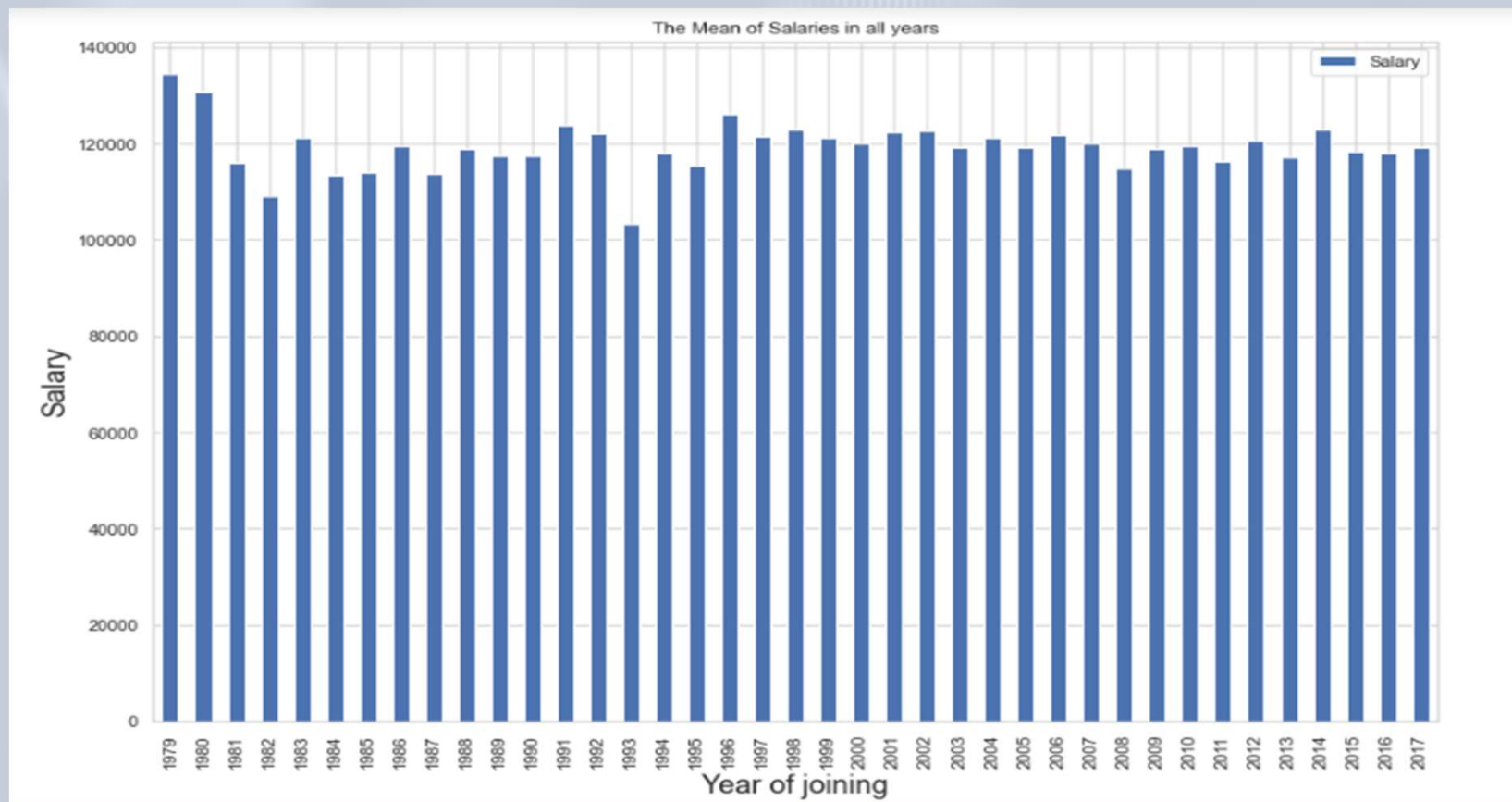
• Data cleaning & preparation

- Check for null and duplicates.
 - Find anomalies and features don't need it and drop it.
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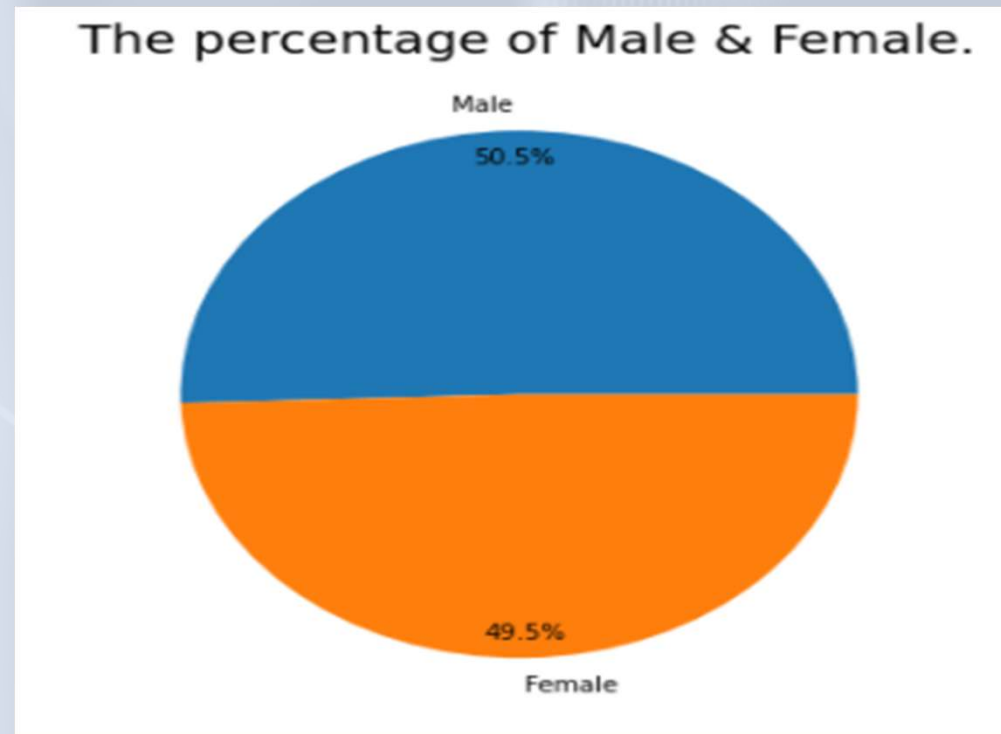
Numbers of Hiring from 1979-2017



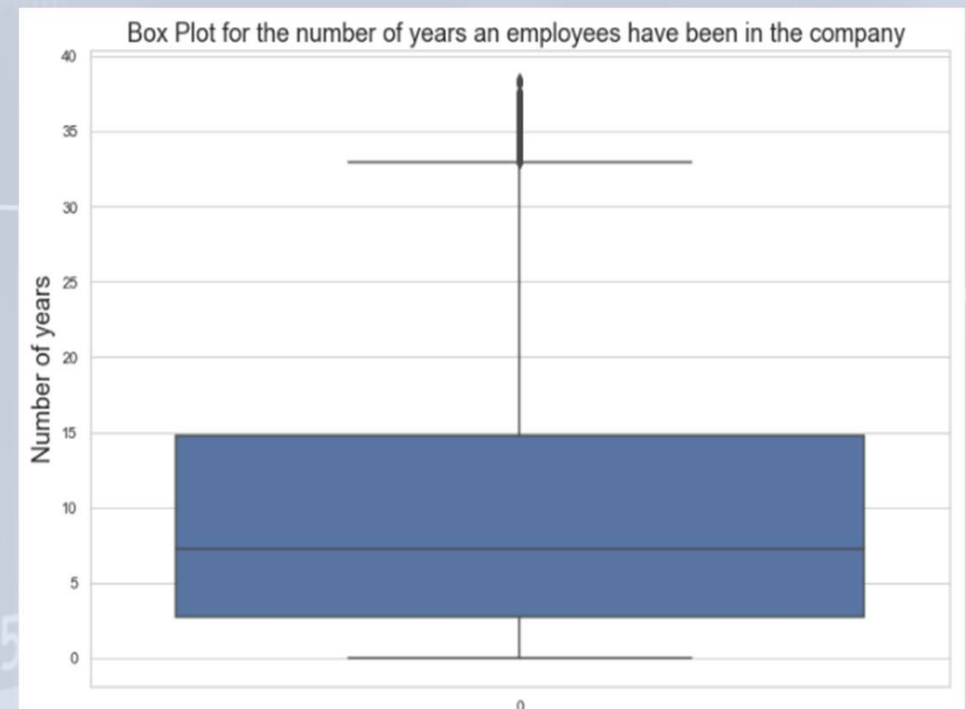
Comparison the mean salaries of each year from 1979 to 2017.



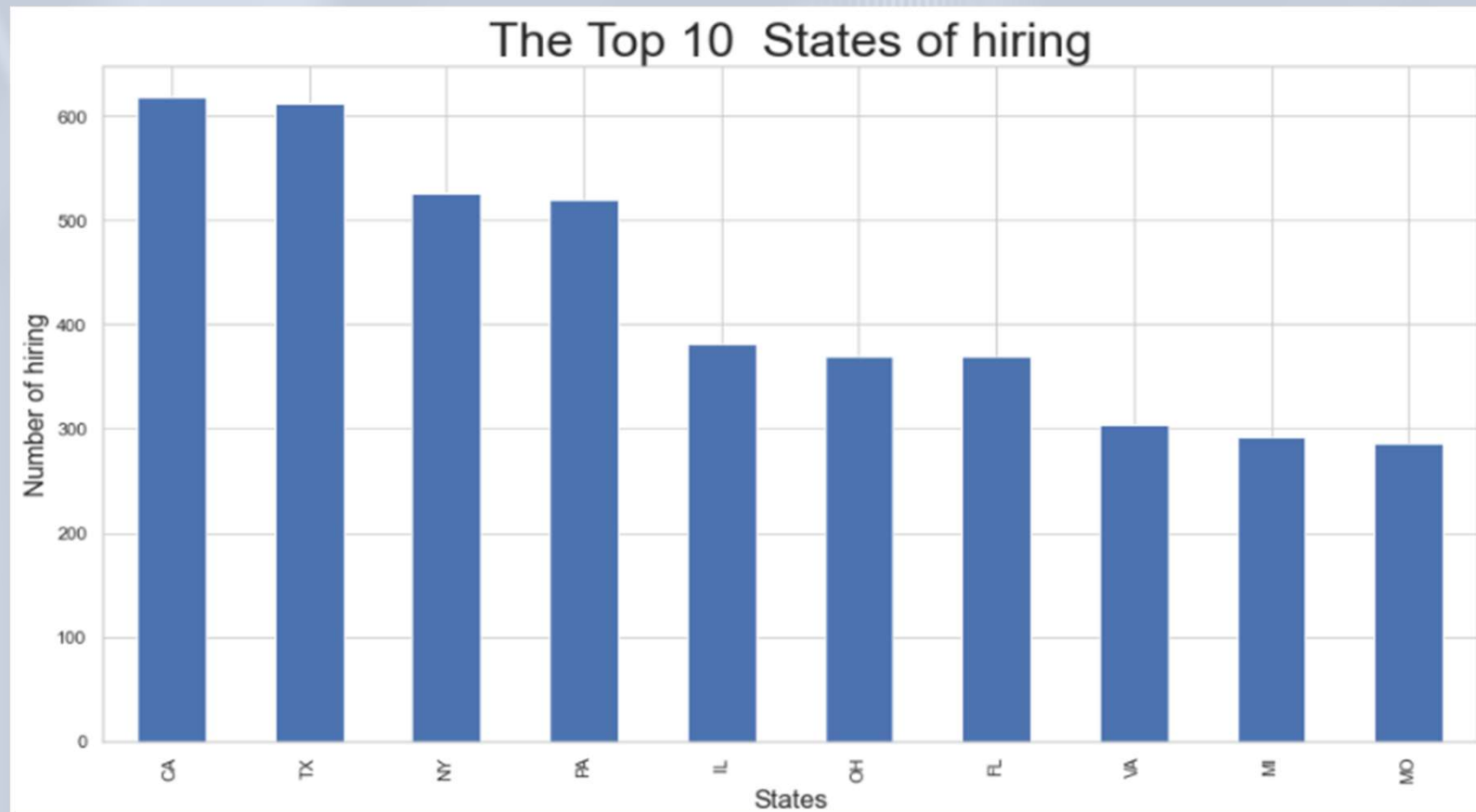
The percentage of Male & Female.



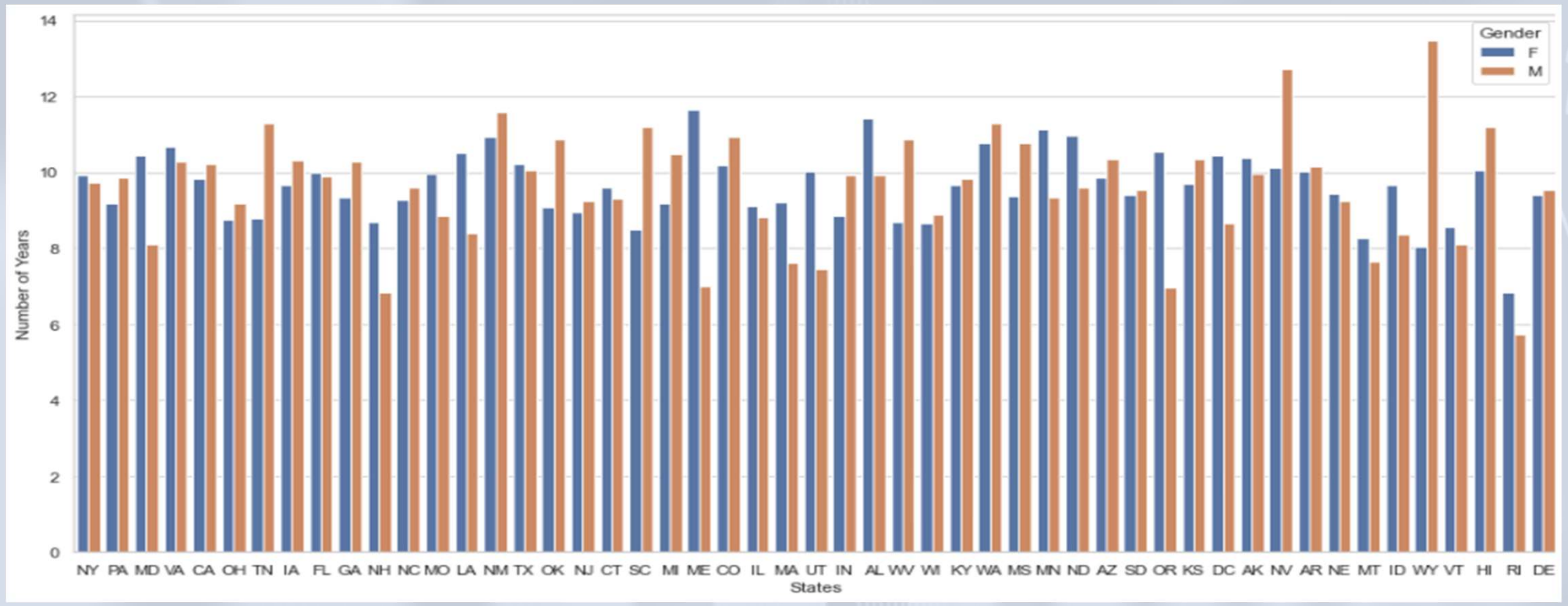
How many years the employees have been in the company?



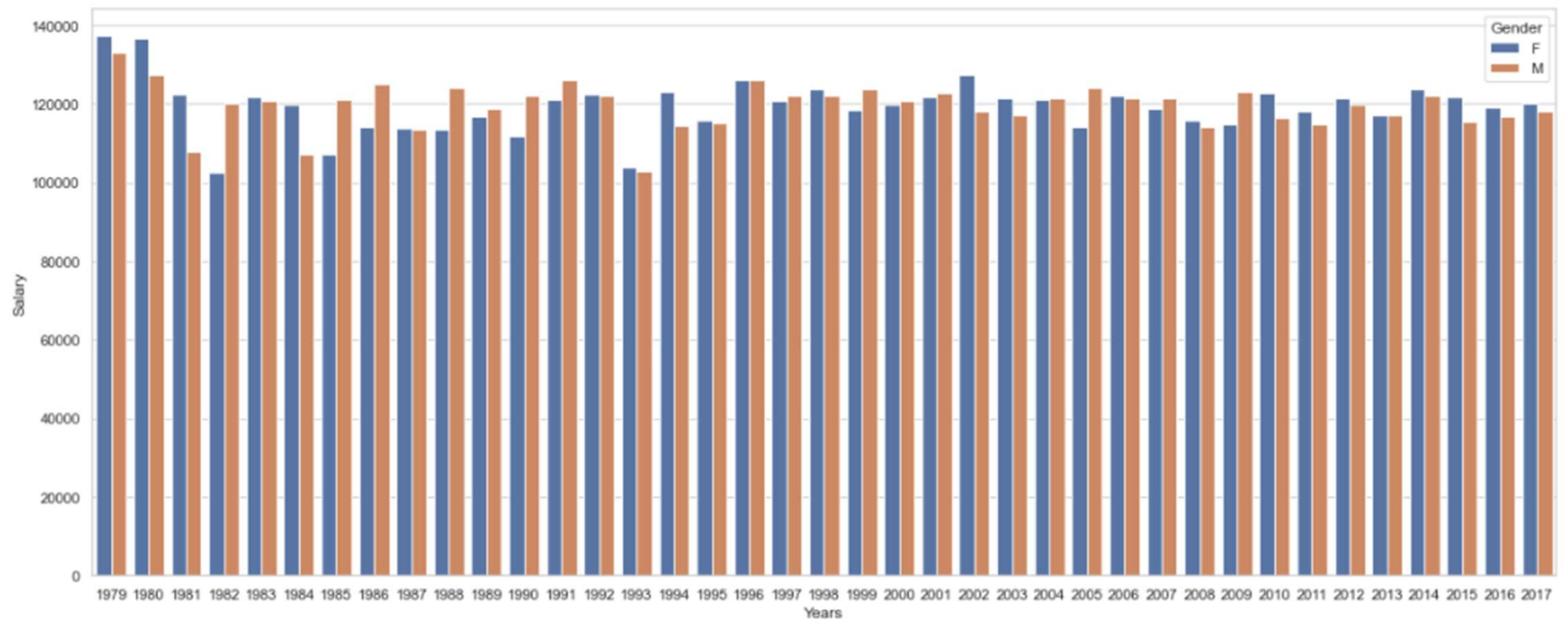
Top 10 States in hiring



Compare of (Gender & Years in company) for all States



Compare between Males and Females in all years 1979-2017



Conclusion

The 3 highest paid employees:

1- Mrs. Kenna Rothrock
1985-2017

Salary: 199971 \$

2- Mr. David Sun
1987-2017

Salary: 199969

3-Mr. Sol Pellegrino
2013-2017

Salary: 199958

Top 3 of states in hiring:

1- California (CA)
has been hired = 618

2- Texas (TX)
has been hired = 612

3- New York (NY)
has been hired = 526

Top 3 of years in hiring:

1- 2016
This year, 910 employees
were hired

2-2017
This year, 764 employees
were hired

3-2015
This year, 746 employees
were hired



Thank you.
