Employee database Sample

Current schema by Giuseppe Maxia
Data conversion from XML to relational by Patrick Crews
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DISCLAIMER

To the best of my knowledge, this data is fabricated, and It does not correspond to real people.

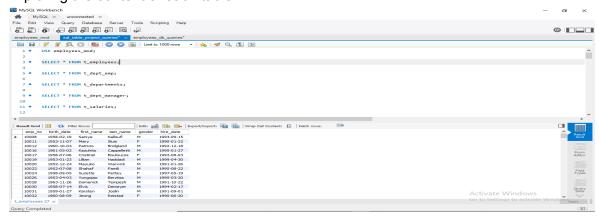
Any similarity to existing people is purely coincidental.

Creating the employee_mod Database

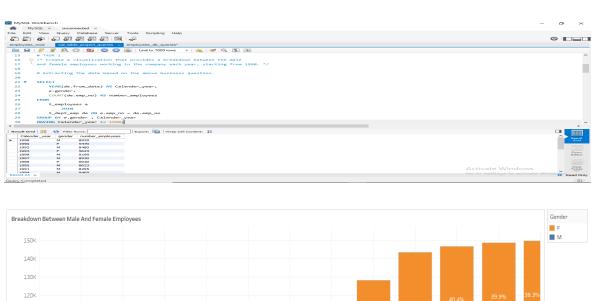
Inserting Data into the Database

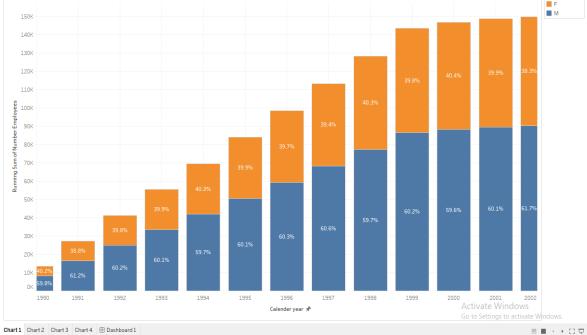
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Exploring the content of each table

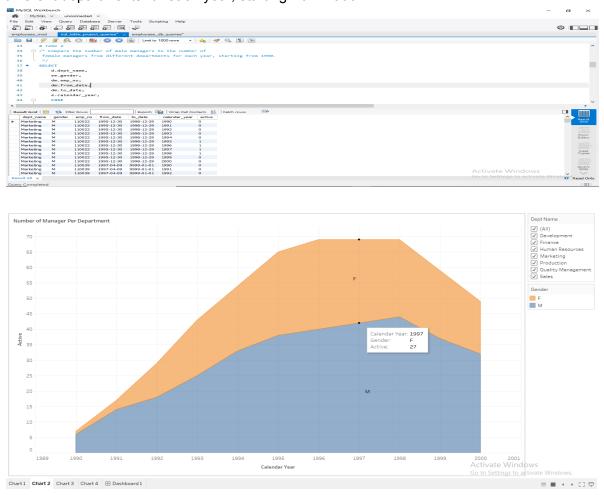


TASK1: Create a visualization that provides a breakdown between the male and female employees working in the company each year, starting from 1990.

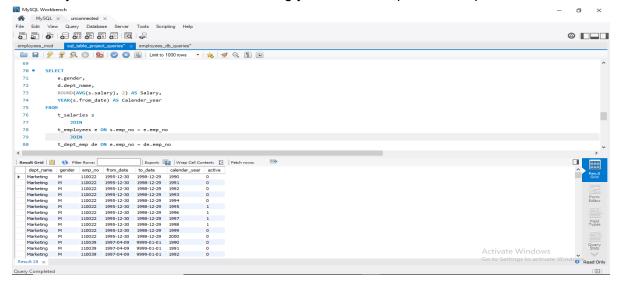


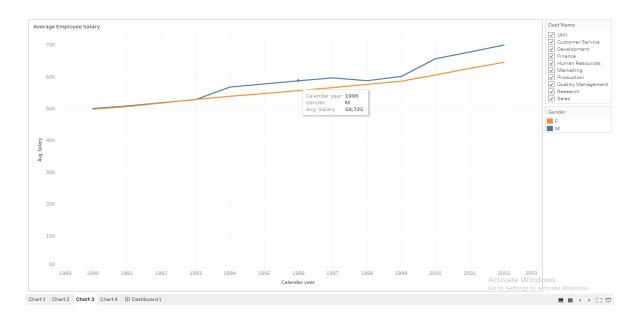


TASK2: Compare the number of male managers to the number of female managers from different departments for each year, starting from 1990.

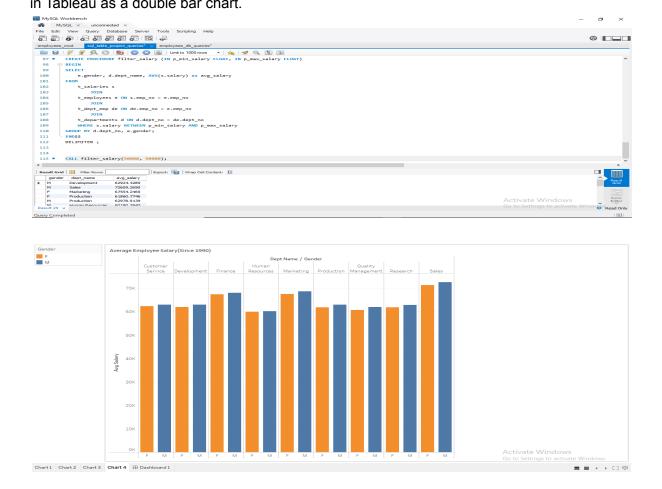


TASK3: Compare the average salary of female versus male employees in the entire company until the year 2002, and add a filter allowing you to see that per each department.

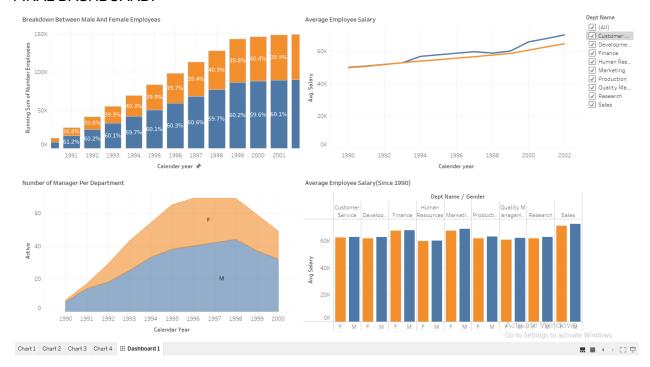




TASK4: Create an SQL stored procedure that will allow you to obtain the average male and female salary per department within a certain salary range. Let this range be defined by two values the user can insert when calling the procedure. Finally, visualize the obtained result-set in Tableau as a double bar chart.



FINAL DASHBOARD:



PS: The final dashboard copy is available on Tableau Public, <u>click here</u> to access it. The raw code is available on GitHub, <u>click here</u> to view it.