Employee Insights

Problem 1: Create a visualization that provides a breakdown between the male and female   employees working in the company each year, starting from 1990.
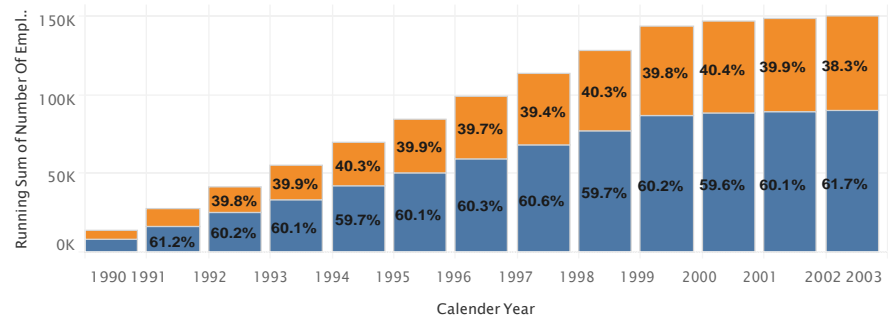
Problem 2: Compare the number of male managers to the number of female managers from different departments for each year, starting from 1990.

Problem 3: Compare the average salary of female versus male employees in the entire company until year 2002, and add a filter allowing you to see that per each department.
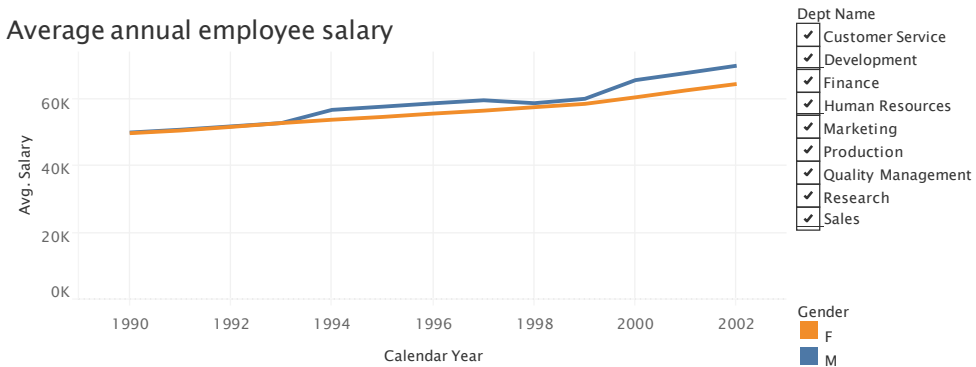
Problem 4: Create an SQL stored procedure that will allow you to obtain the average male and female salary per department within a certain salary range. Let this range be defined by two values the user can insert when calling the procedure. Finally, visualize the obtained result-set in Tableau as a double bar chart.
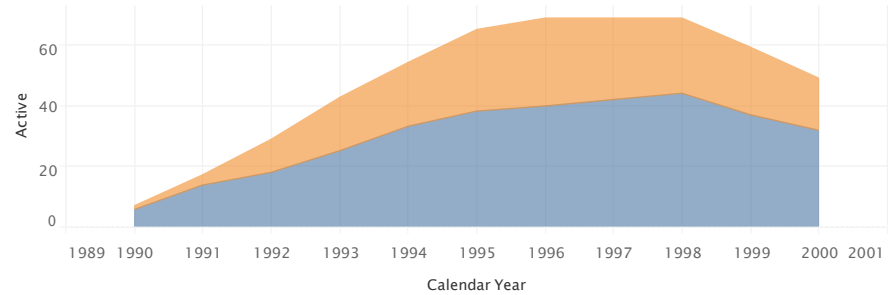
SALARY INSIGHTS

A breakdown between Male and Female

Running Sum of Number Of Empl.. vs Calender Year

Year	F %	M %
1991		61.2%
1992	39.8%	60.2%
1993	39.9%	60.1%
1994	40.3%	59.7%
1995	39.9%	60.1%
1996	39.7%	60.3%
1997	39.4%	60.6%
1998	40.3%	59.7%
1999	39.8%	60.2%
2000	40.4%	59.6%
2001	39.9%	60.1%
2002	38.3%	61.7%

Average annual employee salary

Dept Name
- ✔ Customer Service
- ✔ Development
- ✔ Finance
- ✔ Human Resources
- ✔ Marketing
- ✔ Production
- ✔ Quality Management
- ✔ Research
- ✔ Sales

Gender
- F
- M

Number of managers per department

Active vs Calendar Year

Average employee salary since 1990

Avg. Avg Salary by Dept Name / Gender