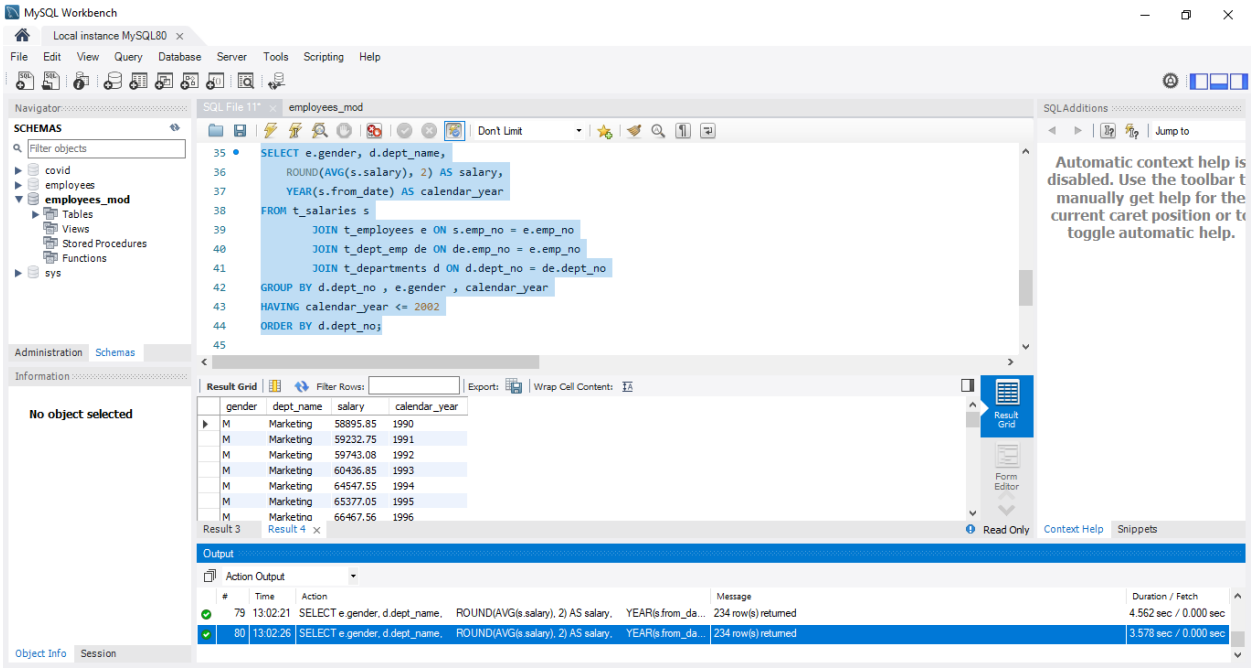
SECTION 26

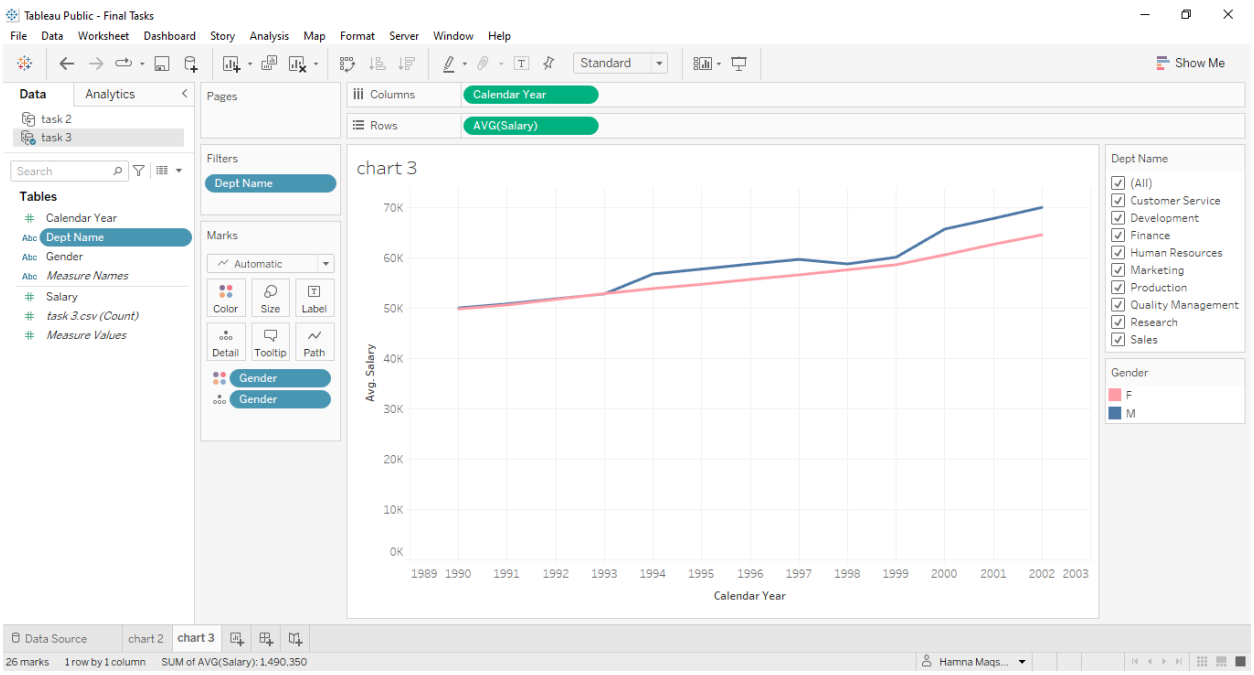
Task 3

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.

Solution:

Observing the relational schema, we know what field we need to get our final result. These include gender from t_employees, salary from t_salaries, dept_name from t_departments, and from_date from t_dept_emp. We need to join all these tables and group by three columns (gebder, calender year and department number) which is followed by having condition >=2002. Here is the code:





By interpreting result, we can deduce that till 1993, both male and female employees have almost same avg salaries. And after that male employees were paid more by few hundred thousands of dollars.