

SECTION 23

Task 1 - Text

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

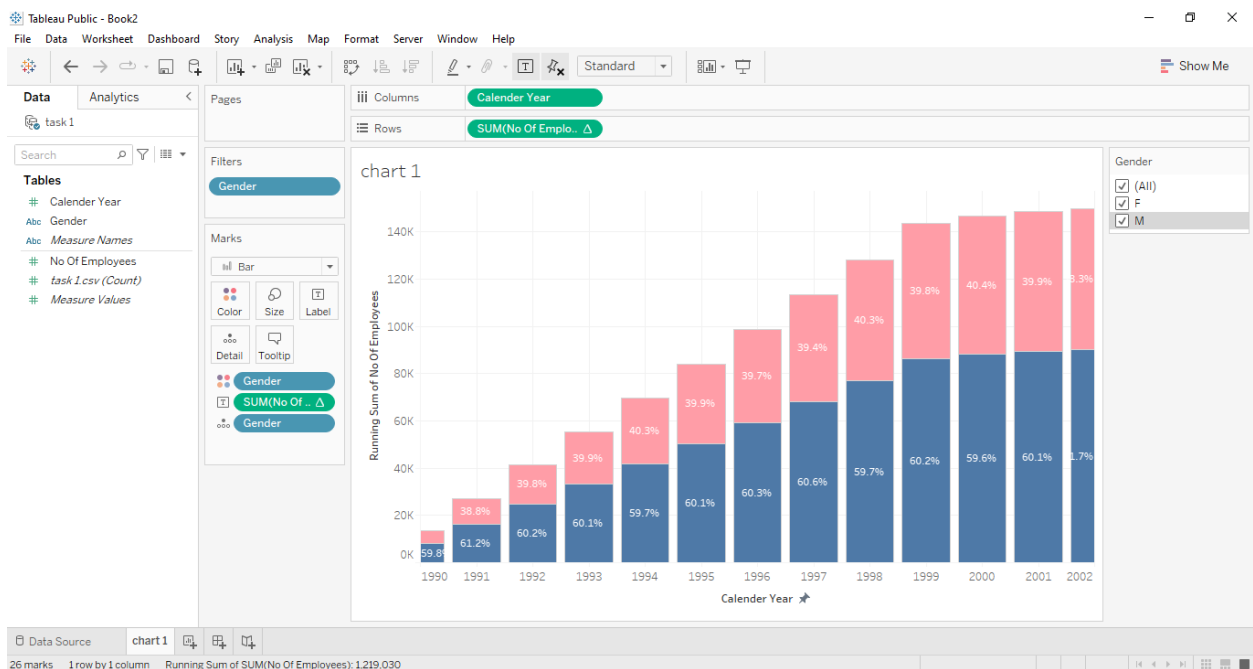
The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
select
  year(d.from_date) as calendar_year,
  e.gender,
  count(e.emp_no) as no_of_employees
from
  t_employees e
join t_dept_emp d on e.emp_no = d.emp_no
group by calendar_year , e.gender
having calendar_year >= 1990;
```

The Results window displays the following data:

calendar_year	gender	no_of_employees
1998	M	8929
1990	F	5470
1992	M	8480
1993	F	5623
1999	M	9199
1997	M	8930
1998	F	6030

The Output window shows the execution of the query, indicating that 25 rows were returned.



The chart shows us that the increase in number of the employed workers throughout the years has been constant and the ratio between male and female employees in the company has always been 60% to 40% approximately.