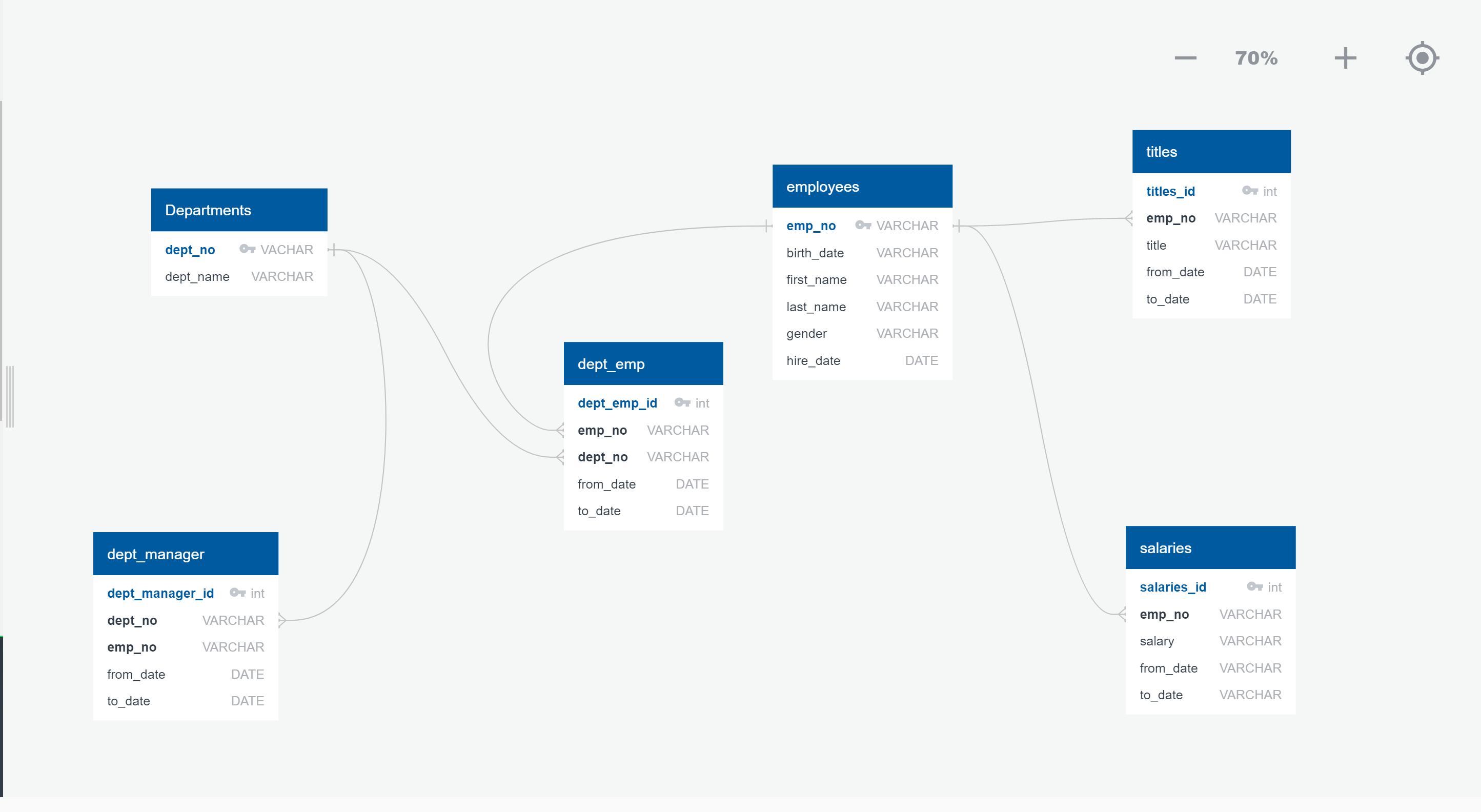
Lydia Samuel

Week 9 SQL Homework

08-10-2019



1. List the following details of each employee: employee number, last name, first name, gender, and salary.

SELECT e.emp\_no,

e.last\_name,

e.first\_name,

e.gender,

s.salary

FROM employees e

JOIN

salaries s

ON

e.emp\_no= s.emp\_no;

2.List employees who were hired in 1986.

SELECT first\_name,

last\_name,

hire\_date

FROM employees

WHERE TO\_CHAR(hire\_date, 'yyyy')= '1986';

3. List the manager of each department with the following information: department number, department name,

the manager's employee number, last name, first name, and start and end employment dates.

SELECT dm.dept\_no,

d.dept\_name,

dm.emp\_no,

e.last\_name,

e.first\_name,

dm.from\_date,

dm.to\_date

FROM employees e

JOIN

dept\_manager dm

ON

e.emp\_no= dm.emp\_no

JOIN departments d

ON

dm.dept\_no= d.dept\_no;

4.List the department of each employee with the following information: employee number, last name, first name, and department name.

SELECT e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees e

JOIN

dept\_emp de

ON

e.emp\_no= de.emp\_no

JOIN

departments d

ON

d.dept\_no= de.dept\_no;

5.List all employees whose first name is "Hercules" and last names begin with "B."

SELECT \*

FROM employees e

WHERE first\_name= 'Hercules'

AND last\_name LIKE 'B%'

6.List all employees in the Sales department, including their employee number, last name, first name, and department name.

SELECT e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees e

JOIN

dept\_emp de

ON

e.emp\_no= de.emp\_no

JOIN

departments d

ON

d.dept\_no= de.dept\_no

WHERE d.dept\_name = 'Sales';

7.List all employees in the Sales and Development departments, including their employee number, last name, first name, and department name.

SELECT e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees e

JOIN

dept\_emp de

ON

e.emp\_no= de.emp\_no

JOIN

departments d

ON

d.dept\_no= de.dept\_no

WHERE d.dept\_name = 'Sales'

OR d.dept\_name= 'Development';

8.In descending order, list the frequency count of employee last names, i.e., how many employees share each last name.

SELECT last\_name,

COUNT(\*)

FROM employees

GROUP BY last\_name

ORDER BY last\_name DESC;