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COMP 4910

Assignment 2

1. Briefly describe the “employees” database that is used in the course.

The employees data base has 6 tables held within it. These 6 tables are departments, dept\_emp, dept\_manager, employees, salaries, and titles. Each of these tables have columns for the information that needs to be stored by the table. For example, the employees table has the columns emp\_no, birth\_date, first\_name, last\_name, gender, and hire\_date. Each of the columns that are filled in with the rows are the information about the employee that is stored within that table.

1. What are the average, minimum, and maximum salaries of male and female employees? How many male and female employees are listed in the database?

Male:

Average Salary: 63838.1769

Minimum Salary: 38623

Maximum Salary: 158220

Female:

Average Salary: 63769.6032

Minimum Salary: 38786

Maximum Salary: 152710

Total Males: 179973

Total Females: 120051

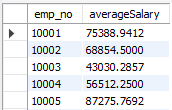
1. How many employees were working for the dept number ‘d007’ between 1985-01-01 and 1991-03-07?

The number of employees working for the dept within the specified dates is: 20726.

1. How many distinct employee numbers do you have in the database? Group the employees in terms of employee numbers and obtain the average salary for each group.

Number of distinct employee numbers: 300024

First 5 rows of the new table:



1. How many employees are listed as either senior staff or staff?

Number of employees listed: 200244

1. Url of my Github repo

<https://github.com/rumbun521/DatabaseClass>

The code for this assignment is named assignment2code.sql