1. What is the average salary of each employee?

   SELECT CONCAT(first_name, ' ', last_name) AS Fullname,AVG(salary) AS Av_Salary FROM salaries,employees WHERE salaries.emp_no = employees.emp_no GROUP BY salaries.emp_no;

   — Gino Usery — 99940.8333 —
   — Yunming Mitina — 53637.1667 —
   — Mohammed Pleszkun — 39829.5000 —
   — Uri Juneja — 46269.7500 —
   — Kaijung Rodham — 54431.2143 —
   — Gila Lukaszewicz — 43500.6667 —
   — Nathan Ranta — 105961.7059 —
   — Rimli Dusink — 54279.6667 —
   — Bangqing Kleiser — 86700.7143 —
   — Keiichiro Lindqvist — 68260.4000 —
   — Khaled Kohling — 43325.0000 —
   — Pohua Sichman — 47829.5000 —
   — Siamak Salverda — 64179.7500 —
   — DeForest Mullainathan — 40944.6667 —
   — Navin Argence — 40000.0000 —
   — Dekang Lichtner — 45891.6667 —
   — Zito Baaz — 63134.1429 —
   — Berhard Lenart — 66475.8667 —
   — Patricia Breugel — 46665.5556 —
   — Sachin Tsukuda — 70625.0000 —
   +————————————+————-+
   300024 rows in set (11.38 sec)

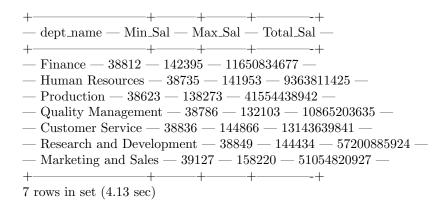2. How much was each employee paid in total?

   SELECT CONCAT(first_name, ' ', last_name) AS Fullname,SUM(salary) AS Total_Salary FROM salaries,employees WHERE salaries.emp_no = employees.emp_no GROUP BY salaries.emp_no;

   — Kaijung Rodham — 762037 —
   — Gila Lukaszewicz — 261004 —
   — Nathan Ranta — 1801349 —
   — Rimli Dusink — 162839 —
   — Bangqing Kleiser — 1213810 —
   — Keiichiro Lindqvist — 341302 —
   — Khaled Kohling — 129975 —
   — Pohua Sichman — 286977 —
   — Siamak Salverda — 1026876 —
   — DeForest Mullainathan — 245668 —

— Navin Argence — 40000 —
— Dekang Lichtner — 275350 —
— Zito Baaz — 441939 —
— Berhard Lenart — 997138 —
— Patricia Breugel — 419990 —
— Sachin Tsukuda — 353125 —
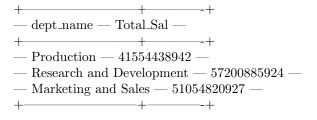+————————————+————+
300024 rows in set (9.98 sec)

3. Minimum, maximum and total salaries of each department

   SELECT dept_name,MIN(salary) AS Min_Sal,MAX(salary) AS Max_Sal,SUM(salary)
   AS Total_Sal FROM salaries,dept_emp,departments WHERE salaries.emp_no
   = dept_emp.emp_no AND dept_emp.dept_no = departments.dept_no GROUP
   BY departments.dept_no;

   +————————————+————+————+————-+
   — dept_name — Min_Sal — Max_Sal — Total_Sal —
   +————————————+————+————+————-+
   — Finance — 38812 — 142395 — 11650834677 —
   — Human Resources — 38735 — 141953 — 9363811425 —
   — Production — 38623 — 138273 — 41554438942 —
   — Quality Management — 38786 — 132103 — 10865203635 —
   — Customer Service — 38836 — 144866 — 13143639841 —
   — Research and Development — 38849 — 144434 — 57200885924 —
   — Marketing and Sales — 39127 — 158220 — 51054820927 —
   +————————————+————+————+————-+
   7 rows in set (4.13 sec)

4. Which departments have paid more than 20 billion dollars for their employees?

   SELECT dept_name,SUM(salary) AS Total_Sal FROM salaries,dept_emp,departments
   WHERE salaries.emp_no = dept_emp.emp_no AND dept_emp.dept_no =
   departments.dept_no GROUP BY departments.dept_no HAVING Total_Sal
   ¿ 20000000000;

   +————————————+————-+
   — dept_name — Total_Sal —
   +————————————+————-+
   — Production — 41554438942 —
   — Research and Development — 57200885924 —
   — Marketing and Sales — 51054820927 —
   +————————————+————-+
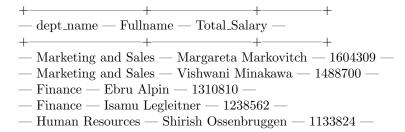
3 rows in set (3.47 sec)

5. Total salaries of male employees in each department?

SELECT dept_name,CONCAT(first_name, ' ', last_name) AS Fullname,SUM(salary) AS Total_Salary,gender FROM salaries,employees,dept_emp,departments WHERE salaries.emp_no = employees.emp_no AND employees.emp_no = dept_emp.emp_no AND dept_emp.dept_no = departments.dept_no AND employees.gender='M' GROUP BY salaries.emp_no,departments.dept_no;

— Human Resources — Masali Chorvat — 84408 — M —
— Marketing and Sales — Guozhong Felder — 1345216 — M —
— Customer Service — Chiranjit Kuzuoka — 81746 — M —
— Research and Development — Prasadram Waleschkowski — 301711 — M —
— Marketing and Sales — Gino Usery — 1199290 — M —
— Customer Service — Mohammed Pleszkun — 79659 — M —
— Production — Kaijung Rodham — 762037 — M —
— Research and Development — Gila Lukaszewicz — 261004 — M —
— Finance — Keiichiro Lindqvist — 341302 — M —
— Research and Development — Khaled Kohling — 129975 — M —
— Production — DeForest Mullainathan — 245668 — M —
— Production — Zito Baaz — 441939 — M —
— Research and Development — Berhard Lenart — 997138 — M —
— Finance — Patricia Breugel — 419990 — M —
— Production — Sachin Tsukuda — 353125 — M —
+——————+———————-+————+——+
193533 rows in set (8.03 sec)

6. Total salaries of department managers for each department, from highest to lowest?

SELECT dept_name,CONCAT(first_name, ' ', last_name) AS Fullname,SUM(salary) AS Total_Salary FROM salaries,employees,dept_manager,departments WHERE salaries.emp_no = employees.emp_no AND employees.emp_no = dept_manager.emp_no AND dept_manager.dept_no = departments.dept_no GROUP BY dept_manager.emp_no,dept_manager

+——————+——————+————+
— dept_name — Fullname — Total_Salary —
+——————+——————+————+
— Marketing and Sales — Margareta Markovitch — 1604309 —
— Marketing and Sales — Vishwani Minakawa — 1488700 —
— Finance — Ebru Alpin — 1310810 —
— Finance — Isamu Legleitner — 1238562 —
— Human Resources — Shirish Ossenbruggen — 1133824 —

3

Human Resources	Karsten Sigstam	964474
Production	Krassimir Wegerle	1026942
Production	Rosine Cools	1081365
Production	Shem Kieras	750316
Production	Oscar Ghazalie	515381
Research and Development	DeForest Hagimont	1126227
Research and Development	Leon DasSarma	902149
Quality Management	Peternela Onuegbe	1463422
Quality Management	Rutger Hofmeyr	774488
Quality Management	Sanjoy Quadeer	1087928
Quality Management	Dung Pesch	836280
Marketing and Sales	Przemyslawa Kaelbling	1516364
Marketing and Sales	Hauke Zhang	1398754
Research and Development	Arie Staelin	1569911
Research and Development	Hilary Kambil	988750
Customer Service	Tonny Butterworth	1048025
Customer Service	Marjo Giarratana	750497
Customer Service	Xiaobin Spinelli	691464
Customer Service	Yuchang Weedman	697675

24 rows in set (0.01 sec)