From employees
Where city in ('Chicago', 'Los Angeles')
where department in ('IT', 'Maireting')
Limit 3;

Exercise 2 Aggregate functions & Grouping

1 Select Count (id) as total number of employees
From employees
Total number of employees
16

2 Select sum (Salary) AS total salary
From employees;
Total salary

~~3. Select averg average (Salary) as~~

3 Select department;
Where department in ('HR')
~~Avg (~~

3. Select department, Avg (salary) as average sa
From employees
Where department in ('HR');

Department	Average salary
HR	49 500

4 Select min (salary) as lowest salary

Lowest salary
48 000

Select max (salary) as highest salary

Highest salary
62 000

~~5 Select sum (salary) as total salary~~

5 Select department, Sum (salary) as total salary
From employees
Group by department

Department	Salary
IT	119 000
HR	99 000
Finance	220 000
Marketing	105 000

~~6 Select~~

7 Select department, avg(salary) as average salary
From employees
~~Where~~ Group by department
Order by: department & descending;

Department	Average salary
Finance	59 500
IT	55 000
Marketing	52 500
HR	49 500

8 Select department, sum (salary) as total salary
From employees
Group by department
Having total salary > 100 000

Department	Total salary
Finance	119 000
IT	220 000
Marketing	106 000

9 ~~Sele~~ Select city Count (*) as employee_count
From employees
Group by city
Having count (*) > 1
Order by employee count descending;

City	Employees
Chicago	3
Los Angeles	2
New York	2
San Francisco	2

10 Select department, AVG (salary) as avg salary
From employees
Group by department
~~Group~~ Order by avg salary descending
Limit 1;

Department	Average salary
Finance	59 500

6. Select city, count (*) as employee count
From employees
Group by city;

City	Employees
Chicago	3
Los Angeles	2
New York	2
San Francisc	2
Houston	1

Statements