**CONSULTAS CON AGRUPAMIENTO**

*----------------------------------*

*-- 1. AVG , MAX, MIN , SUM*

*----------------------------------*

SELECT AVG(SALARY), MAX(SALARY), MIN(SALARY), SUM(SALARY)

FROM EMPLOYEES

WHERE JOB\_ID LIKE '%REP%';

SELECT MIN(HIRE\_DATE), MAX(HIRE\_DATE)

FROM EMPLOYEES;

*----------------------------------*

*-- 2. COUNT*

*----------------------------------*

SELECT COUNT(\*)

FROM EMPLOYEES

WHERE DEPARTMENT\_ID = 50;

**SELECT COUNT(commission\_pct)**

**FROM employees**

**WHERE department\_id = 80;**

*----------------------------------*

*-- 3. DISTINCT*

*----------------------------------*

SELECT COUNT(DISTINCT DEPARTMENT\_ID)

FROM EMPLOYEES;

*----------------------------------*

*-- 4. USO DE FUNCIONES DE AGRUPAMIENTO Y NULOS*

*----------------------------------*

SELECT AVG(COMMISSION\_PCT)

FROM EMPLOYEES;

SELECT AVG(NVL(COMMISSION\_PCT, 0))

FROM EMPLOYEES;

*----------------------------------*

*-- 5. GROUP BY*

*----------------------------------*

**SELECT DEPARTMENT\_ID, AVG(SALARY)**

**FROM EMPLOYEES**

**GROUP BY DEPARTMENT\_ID ;**

**SELECT DEPARTMENT\_ID, JOB\_ID, SUM(SALARY)**

**FROM EMPLOYEES**

**WHERE DEPARTMENT\_ID > 40**

**GROUP BY DEPARTMENT\_ID, JOB\_ID**

**ORDER BY DEPARTMENT\_ID;**

*----------------------------------*

*-- 6. ILEGALES QUERYS*

*----------------------------------*

**SELECT DEPARTMENT\_ID, COUNT(LAST\_NAME)**

**FROM EMPLOYEES;**

**SELECT DEPARTMENT\_ID, JOB\_ID, COUNT(LAST\_NAME)**

**FROM EMPLOYEES**

**GROUP BY DEPARTMENT\_ID;**

**SELECT DEPARTMENT\_ID, AVG(SALARY)**

**FROM EMPLOYEES**

**WHERE AVG(SALARY) > 8000**

**GROUP BY DEPARTMENT\_ID;**

*----------------------------------*

*-- 7. RESTRINGIENDO FILAS EN AGRUPAMIENTO*

*----------------------------------*

**SELECT DEPARTMENT\_ID, MAX(SALARY)**

**FROM EMPLOYEES**

**GROUP BY DEPARTMENT\_ID**

**HAVING MAX(SALARY)>10000 ;**

**SELECT JOB\_ID, SUM(SALARY) PAYROLL**

**FROM EMPLOYEES**

**WHERE JOB\_ID NOT LIKE '%REP%'**

**GROUP BY JOB\_ID**

**HAVING SUM(SALARY) > 13000**

**ORDER BY SUM(SALARY);**

*----------------------------------*

*-- 8. FUNCIONES DE AGRUPAMIENTO ANIDADAS*

*----------------------------------*

**SELECT MAX(AVG(SALARY))**

**FROM EMPLOYEES**

**GROUP BY DEPARTMENT\_ID;**