



Instituto Tecnológico Superior de Jerez

Jerez, Zacatecas

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S18070182

Ingeniería en Sistemas Computacionales

Quinto Semestre

Taller de Bases de Datos

Consultas

ISC Salvador Acevedo

## Mysql

#1) Mostrar un listado con los empleados que ganen mas del promedio salarial

```
mysql> SELECT staffNo, fName, lName, position from staff where salary > (select avg(salary) from staff);
```

staffNo	fName	lName	position
SG14	David	Ford	Supervisor
SG5	Susan	Brand	Manager
SL21	John	White	Manager

3 rows in set (0.00 sec)

#2) Generar un listado de todos los empleados cuyo salario sea superior al salario promedio, indicando cuál es la diferencia en cada caso con respecto al salario promedio.

```
mysql> SELECT staffNo, fName, lName, salary - count(salary), position from staff where salary > (select avg(salary) from staff);
```

staffNo	fName	lName	salary - count(salary)	position
SG14	David	Ford	17997	Supervisor

1 row in set (0.00 sec)

#3) Mostrar una lista de los propietarios que tengan mas de dos propiedades

```
mysql> SELECT *
-> from privateowner
-> where ownarno in
-> (select ownarno from propertyforrent group by ownarno having count(ownarno) > 1);
```

ownarNo	fName	lName	address	telNo
C087	Carol	Farrel	6 Archray St, Glasgow G32 9DX	1413577419
C093	Tony	Shaw	12 Park Pl, Glasgow G4 0QR	1412257025

2 rows in set (0.01 sec)

#4) Mostrar un lista de las propiedades de Glasgow cuya renta sea mayor al promedio

```
mysql> SELECT * from Propertyforrent where rent > (select avg(rent) from PropertyForRent);
```

propertyNo	street	city	postcode	type	rooms	rent	ownarNo	staffNo	branchNo
PA14	16 Holhead	Aberdeen	AB7 5SU	House	6	650	C046	SA9	B007
PG21	18 Dale Rd	Glasgow	G12	House	5	600	C087	SG37	B003

2 rows in set (0.00 sec)

#5) Generar un listado con los inmuebles gestionados por los empleados que trabajan en la sucursal situada en '22 Deer Rd'

```
mysql> select * from Propertyforrent where branchNo in (select branchNo from branch where street = '22 Deer Rd');
```

propertyNo	street	city	postcode	type	rooms	rent	ownarNo	staffNo	branchNo
PL94	6 Argyll St	London	NW2	Flat	4	400	C087	SL41	B005

1 row in set (0.00 sec)

#6) Mostrar quien gana mas de los asistentes

```
mysql> SELECT * FROM staff where salary = (select max(salary) from staff where position = 'assistant');
```

staffNo	fName	lName	position	sex	DOB	salary	branchNo
SG37	Ann	Beech	Assistant	F	10-Nov-60	12000	B003

1 row in set (0.00 sec)

#7) Mostrar que puesto gana mas

```
mysql> SELECT position FROM staff where salary = (select max(salary) from staff);
+-----+
| position |
+-----+
| Manager  |
+-----+
1 row in set (0.00 sec)
```

#8) Mostrar que puesto gana menos

```
mysql> SELECT position FROM staff where salary = (select min(salary) from staff) group by position;
+-----+
| position |
+-----+
| Assistant |
+-----+
1 row in set (0.00 sec)
```

## Sql server

#1) Mostrar un listado con los empleados que ganen mas del promedio salarial

```
1> SELECT staffNo, fName, lName, position from staff where salary > (select avg(salary) from staff)
2> go
staffNo fName          lName          position
-----
SG14    David              Ford            Supervisor
SG5     Susan              Brand           Manager
SL21    John               White           Manager
(3 rows affected)
```

#2) Generar un listado de todos los empleados cuyo salario sea superior al salario promedio, indicando cuál es la diferencia en cada caso con respecto al salario promedio.

#3) Mostrar una lista de los propietarios que tengan mas de dos propiedades

```
1> SELECT *
2> from privateowner
3> where ownarno in
4> (select ownarno from propertyforrent group by ownarno having count(ownarno) > 1)
5> go
ownarno fName          lName          address          telNo
-----
C087    Carol                Farrel          6 Archray St, Glasgow G32 9DX 1413577419
C093    Tony                Shaw            12 Park Pl, Glasgow G4 0QR    1412257025
(2 rows affected)
```

#4) Mostrar un lista de las propiedades de Glasgow cuya renta sea mayor al promedio

```
1> SELECT * from Propertyforrent where rent > (select avg(rent) from PropertyForRent)
2> go
propertyNo street          city          postcode type    rooms rent  ownarNo staffNo branchNo
-----
PA14    16 Holhead          Aberdeen      AB7 5SU      House    6   650 C046 SA9    B007
PG21    18 Dale Rd          Glasgow       G12          House    5   600 C087 SG37    B003
(2 rows affected)
```

#5) Generar un listado con los inmuebles gestionados por los empleados que trabajan en la sucursal situada en '22 Deer Rd'

```
1> select * from Propertyforrent where branchNo in (select branchNo from branch where street = '22 Deer Rd')
2> go
propertyNo street          city          postcode type    rooms rent  ownarNo staffNo branchNo
-----
PL94    6 Argyll St          London        NW2          Flat     4   400 C087 SL41    B005
(1 rows affected)
```

#6) Mostrar quien gana mas de los asistentes

```

1> SELECT * FROM staff where salary = (select max(salary) from staff where position = 'assistant')
2> go
staffNo fName          lName          position        sex DOB          salary branchNo
-----
SG37    Ann              Beech          Assistant       F   10-Nov-60      12000 B003
(1 rows affected)

```

#7) Mostrar que puesto gana mas

```

1> SELECT position FROM staff where salary = (select max(salary) from staff)
2> go
position
-----
Manager
(1 rows affected)

```

#8) Mostrar que puesto gana menos

```

1> SELECT position FROM staff where salary = (select min(salary) from staff)
2> go
position
-----
Assistant

```