



Actividad 5 - Ejercicios SQL [Subconsultas]

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Taller de Base de Datos

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5to Semestre

16070134

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

```
SELECT staffNo,fName,lName,salary FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff)
```

	staffNo	fName	lName	salary
▶	SG14	David	Ford	18000
	SG5	Susan	Brand	24000
	SL21	John	White	30000

› /*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.*/

```
SELECT staffNo,fName,lName,salary,salary - (SELECT AVG(salary) FROM Staff) AS diferencia  
FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff);
```

	staffNo	fName	lName	salary	diferencia
▶	SG14	David	Ford	18000	1000.0000
	SG5	Susan	Brand	24000	7000.0000
	SL21	John	White	30000	13000.0000

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

```
SELECT ownerNo,COUNT(ownerNo) FROM PropertyForRent GROUP BY ownerNo  
HAVING COUNT(ownerNo) > 2;#consulta pendiente
```

	ownerNo	COUNT(ownerNo)
--	---------	----------------

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

```
SELECT PropertyNo,rent FROM PropertyForRent WHERE rent > (SELECT AVG(rent) FROM PropertyForRent)
```

	PropertyNo	rent
▶	PA14	650
	PG21	600

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

```
SELECT PropertyNo FROM PropertyForRent Where staffNo IN  
(SELECT staffNo FROM PropertyForRent where branchNo = 'B005')  
#PENDIENDE
```

	PropertyNo
▶	PL94

#6) Mostrar quien gana mas de los asistentes

```
SELECT MAX(salary),staffNo,fname,lname FROM Staff Where position = 'Assistant' ;  
SELECT staffNo,fname,lname,salary FROM Staff WHERE  
salary = (SELECT MAX(salary)FROM Staff Where position = 'Assistant')
```

	staffNo	fname	lname	salary
▶	SG37	Ann	Beech	12000

```
db2 => SELECT staffNo,fName,lName,salary FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff)
```

```
STAFFNO FNAME          LNAME          SALARY
-----
SL21    John             White          30000
SG14    David             Ford           18000
SG5     Susan             Brand          24000
```

3 registro(s) seleccionado(s).

```
db2 =>
```

```
db2 => SELECT staffNo,fName,lName,salary,salary - (SELECT AVG(salary) FROM Staff) AS diferencia FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff)
```

```
STAFFNO FNAME          LNAME          SALARY    DIFERENCIA
-----
SL21    John             White          30000     13000
SG14    David             Ford           18000     1000
SG5     Susan             Brand          24000     7000
```

3 registro(s) seleccionado(s).

```
db2 =>
```

```
db2 => SELECT * FROM privateowner where ownerno in (SELECT fk_ownerNo FROM PropertyForRent GROUP BY fk_ownerNo HAVING COUNT(fk_ownerNo) >= 2)
```

```
OWNERN0 FNAME          LNAME          ADRESS          TELNO
-----
C087    Carol             Farrel          6 Achray St,Glasgow G32 9DX 0141-357-7419
C093    Tony             Shaw            12 Park Pl,Glasgow G4 0QR 0141-255-7025
```

2 registro(s) seleccionado(s).

```
db2 =>
```

```
db2 => SELECT PropertyNo,rent FROM PropertyForRent WHERE rent > (SELECT AVG(rent) FROM PropertyForRent)
```

```
PROPERTYNO RENT
-----
PA14        650
PG21        600
```

2 registro(s) seleccionado(s).

```
db2 =>
```

```
db2 => SELECT * FROM PropertyForRent Where fk_staffNo IN (SELECT fk_staffNo FROM PropertyForRent where fk_branchNo = 'B005')
```

```
PROPERTYNO STREET          CITY          POSTCODE TYPE    ROOMS RENT    FK_OWNERNO FK_STAF
-----
PL94    6 Argyll St          London        NW2    Flat    4          400 C087    SL41
```

1 registro(s) seleccionado(s).

```
db2 =>
```

```
db2 => SELECT staffNo,fname,lname,salary FROM Staff WHERE salary = (SELECT MAX(salary)FROM Staff Where position = 'Assistant')
```

```
STAFFNO FNAME          LNAME          SALARY
-----
SG37    Ann             Beech          12000
```

1 registro(s) seleccionado(s).

```
db2 =>
```