#### **COMPARACIONES**

```
SELECT avg(salary) FROM employees;

SELECT last_name FROM employees
WHERE salary < result_of_previous_query;

SELECT last_name FROM employees
WHERE salary < ( SELECT avg(salary) FROM employees );
```

#### **COMPARACIONES**

```
SELECT department_name FROM departments
WHERE department_id IN
(SELECT DISTINCT(department_id) FROM employees);
```

\_

SELECT department\_name FROM departments

JOIN employees ON employees.department\_id = departments.department\_id GROUP BY department\_name;

#### TRANSFORMACION EN ESTRELLA

```
SELECT count(quantity_sold)
FROM sales s, products p, customers c, channels ch
WHERE s.prod_id=p.prod_id
AND s.cust_id=c.cust_id
AND s.channel_id=ch.channel_id
AND p.prod_name='Comic Book Heroes'
AND c.cust_city='Oxford'
AND ch.channel_desc='Internet';
```

#### TRANSFORMACION EN ESTRELLA

SELECT count(quantity\_sold) FROM sales

WHERE prod\_id IN ( SELECT prod\_id FROM products

WHERE prod\_name='Comic Book Heroes')

AND cust\_id IN ( SELECT cust\_id FROM customers WHERE cust\_city='Oxford')

AND channel\_id IN ( SELECT channel\_id FROM channels WHERE channel desc='Internet');

#### TABLA EN ORIGEN

```
SELECT avg(salary), country_id
FROM (
SELECT salary, country_id
FROM employees
NATURAL JOIN departments
NATURAL JOIN locations
)
GROUP BY country_id;
```

#### PARA INSERTAR

```
INSERT INTO sales hist
   SELECT * FROM sales
   WHERE date > sysdate-1;
UPDATE employees
   SET salary = (SELECT avg(salary) FROM employees);
DELETE FROM departments
WHERE department id NOT IN (
                              SELECT department id
                               FROM employees
                               WHERE department id is not null);
```

**TIPOS** 

DE REGISTRO UNICO

**ESCALARES** 

DE MULTIPLES REGISTROS

**CORRELACIONADAS** 

#### CORRELACIONADAS

```
SELECT last_name
FROM employees
WHERE salary < ( SELECT avg(salary) FROM employees );
...

SELECT p.last_name, p.department_id
FROM employees p
WHERE p.salary < ( SELECT avg(s.salary)
FROM employees s
WHERE s.department_id=p.department_id );
```