

QUERYS PUNTO 4:

4.1 Cuántos empleados hay por departamento?

```
SELECT department, COUNT(*) AS cantidad_empleados
FROM employees
GROUP BY department;
```

| | department character varying (30) 🔒 | cantidad_empleados bigint 🔒 |
|---|--|--------------------------------|
| 1 | Finance | 109 |
| 2 | Sales | 124 |
| 3 | Accounting | 84 |
| 4 | Human Resources | 113 |
| 5 | Engineering | 152 |
| 6 | IT | 218 |
| 7 | Marketing | 111 |

4.2 Mostrar un resumen de las órdenes atendidas por cada empleado, en este resumen se deberá indicar el nombre del empleado, el género, el país, la edad, el total de órdenes atendidas, la suma del total pagado por los clientes en dichas órdenes y la fecha de la última orden atendida.

```
SELECT e.full_name, e.gender, e.country, e.age,
       COUNT(o.*) AS total_ordenes,
       SUM(o.total_paid) AS total_pagado,
       MAX(o.order_date) AS ultima_orden
FROM employees AS e
JOIN orders AS o ON e.eeid = o.eeid
GROUP BY e.full_name, e.gender, e.country, e.age;
```

| | full_name character varying (30) | gender character (6) | country character varying (30) | age integer | total_ordenes bigint | total_pagado bigint | ultima_orden date |
|----|-------------------------------------|-------------------------|-----------------------------------|----------------|-------------------------|------------------------|----------------------|
| 1 | William Vu | Male | China | 37 | 4 | 12611 | 2006-06-05 |
| 2 | Silas Rivera | Male | United States | 48 | 2 | 9604 | 2006-06-05 |
| 3 | Eliana Turner | Female | United States | 65 | 4 | 11792 | 2006-04-12 |
| 4 | Lucy Fong | Female | China | 40 | 2 | 1150 | 2006-03-06 |
| 5 | Emery Hunter | Female | United States | 28 | 6 | 19078 | 2006-06-23 |
| 6 | Jackson Navarro | Male | Brazil | 52 | 4 | 14660 | 2006-06-08 |
| 7 | Christian Fong | Male | China | 49 | 2 | 8378 | 2006-04-30 |
| 8 | John Jung | Male | China | 63 | 3 | 8688 | 2006-03-24 |
| 9 | Hudson Williams | Male | United States | 36 | 2 | 1720 | 2006-03-10 |
| 10 | Hailey Yee | Female | China | 54 | 5 | 10858 | 2006-04-07 |
| 11 | Adam Dang | Male | China | 45 | 3 | 6569 | 2006-05-24 |
| 12 | Sarah Ayala | Female | United States | 47 | 4 | 11848 | 2006-06-05 |
| 13 | Amelia Bell | Female | United States | 53 | 2 | 6228 | 2006-05-24 |
| 14 | Elena Her | Female | China | 62 | 2 | 0 | 2006-05-24 |
| 15 | Isaac Woods | Male | United States | 28 | 3 | 26049 | 2006-05-11 |

4.3 Cuál es el empleado que ha gestionado la mayor cantidad de órdenes de compra? (Mostrar el nombre del empleado y el total de órdenes) .

```
SELECT e.full_name, count(o.*) AS total_ordenes
FROM employees AS e
JOIN orders AS o
ON e.eeid = o.eeid
GROUP BY e.full_name
ORDER BY total_ordenes DESC
LIMIT 1;
```

| | full_name character varying (30) | total_ordenes bigint |
|---|-------------------------------------|-------------------------|
| 1 | Emery Hunter | 6 |

4.4 Cuál es el medio de pago más utilizado por los clientes?

```
SELECT payment_type, COUNT(*) AS total
FROM orders
GROUP BY payment_type
ORDER BY total DESC
LIMIT 1;
```

| | payment_type character varying (15) | total bigint |
|---|--|-----------------|
| 1 | Check | 18 |

4.5 Cuál es el empleado que más tiempo lleva contratado y de qué departamento es?

```
SELECT department, full_name, hire_date
FROM employees
WHERE exit_date IS NULL
ORDER BY hire_date ASC
LIMIT 1;
```

| | department character varying (30) 🔒 | full_name character varying (30) 🔒 | hire_date date 🔒 |
|---|--|---------------------------------------|---------------------|
| 1 | Engineering | Silas Huang | 1992-01-09 |