

--Ejercicio 1

```
SELECT pd.PRODUCTLINE, SUM(td.sales)
FROM transaction_data td INNER JOIN product_data pd ON td.PRODUCTCODE =
pd.PRODUCTCODE
GROUP BY pd.PRODUCTLINE;
```

--Ejercicio 2

```
SELECT T3.CUSTOMERNAME
FROM transaction_data AS T1
INNER JOIN order_data AS T2 ON T1.ORDERNUMBER = T2.ORDERNUMBER
INNER JOIN client_data AS T3 ON T1.CLIENT_ID = T3.customer_id
WHERE T2.STATUS = 'Disputed';
```

--Ejercicio 3

```
SELECT COUNT(ORDERNUMBER)
FROM order_data
WHERE STATUS = 'Shipped' AND STRFTIME('%Y', ORDERDATE) = '2003';
```

--Ejercicio 4

```
SELECT T3.COUNTRY, SUM(T1.sales)
FROM transaction_data AS T1
INNER JOIN client_data AS T3 ON T1.CLIENT_ID = T3.customer_id
GROUP BY T3.COUNTRY;
```

--Ejercicio 5

```
SELECT T2.PRODUCTLINE, AVG(T1.PRICEEACH)
FROM transaction_data AS T1
INNER JOIN product_data AS T2 ON T1.PRODUCTCODE = T2.PRODUCTCODE
GROUP BY T2.PRODUCTLINE;
```

--Ejercicio 6

```
SELECT c.CUSTOMERNAME,
SUM(t.SALES) AS total_ventas
FROM transaction_data t
JOIN client_data c
ON t.CLIENT_ID = c.customer_id
GROUP BY c.CUSTOMERNAME
ORDER BY total_ventas DESC
LIMIT 5;
```

--Ejercicio 7

```
SELECT
t.PRODUCTCODE,
SUM(t.QUANTITYORDERED) AS total_unidades
FROM transaction_data t
GROUP BY t.PRODUCTCODE
```

```
ORDER BY total_unidades DESC
LIMIT 3;
```

--Ejercicio 8

```
SELECT
    t.QTR_ID AS trimestre,
    SUM(t.SALES) AS total_ventas
FROM transaction_data t
WHERE t.YEAR_ID = 2003
GROUP BY t.QTR_ID
ORDER BY t.QTR_ID;
```

--Ejercicio 9

```
SELECT
    COUNT(*) AS total_clientes
FROM client_data
WHERE TERRITORY = 'EMEA';
```

--Ejercicio 10

```
SELECT
    o.ORDERNUMBER,
    c.CUSTOMERNAME
FROM order_data o
JOIN transaction_data t
    ON o.ORDERNUMBER = t.ORDERNUMBER
JOIN client_data c
    ON t.CLIENT_ID = c.customer_id
WHERE o.STATUS = 'Cancelled';
```

--Ejercicio 4 difícil

```
SELECT YEAR_ID, AVG(sales)
FROM transaction_data
GROUP BY YEAR_ID;
```

--Ejercicio 5 difícil

```
SELECT PRODUCTCODE
FROM product_data
WHERE MSRP > (SELECT AVG(MSRP) FROM product_data);
```