



- •-- 10. Obtener el nombre de la empresa, el nombre del contacto y la fecha del pedido -- de todos los pedidos:
- •select c.company\_name, c.contact\_name, o.order\_date
  from orders o inner join customers c
  on o.customer id = c.customer id;

# 

	company_name	contact_name	② order_date ▼
1	Vins et alcools Chevalier	Paul Henriot	1996-07-04
2	Toms Spezialitäten	Karin Josephs	1996-07-05
3	Hanari Carnes	Mario Pontes	1996-07-08
4	Victuailles en stock	Mary Saveley	1996-07-08
5	Suprêmes délices	Pascale Cartrain	1996-07-09
6	Hanari Carnes	Mario Pontes	1996-07-10
7	Chop-suey Chinese	Yang Wang	1996-07-11
8	Richter Supermarkt	Michael Holz	1996-07-12
9	Wellington Importadora	Paula Parente	1996-07-15
10	HII ΔRION-Δhastos	Carlos Hernández	1996-07-16

- •-- 11. Obtener la identificación del pedido, el nombre del producto y el descuento -- de todos los detalles del pedido y productos:
- •select od.order\_id , p.product\_name , od.discount
  from order\_details od inner join products p
  on od.product id = p.product id;

# order details(+) 1 ×

elect od.order\_id\_p.product\_name\_od.discou 💢 Enter a SQL expression to filter results (use Ctrl+Space)

	127 order_id 🔻	product_name	123 discount 🔻	
	10,248 🗹	Queso Cabrales	0	
2	10,248 🗹	Singaporean Hokkien Fried Mee		
	10,248 🗹	Mozzarella di Giovanni	0	
4	10,249 🗹	Tofu		
5	10,249 🗹	Manjimup Dried Apples	0	
6	10,250 🗹	Jack's New England Clam Chowder		
7	10,250 🗹	Manjimup Dried Apples	0.15	
8	10,250 🗹	Louisiana Fiery Hot Pepper Sauce	0.15	
9	10,251 🗹	Gustaf's Knäckebröd	0.05	
10	10 251 🗗	Ravioli Angelo	0.05	

- •-- 12. Obtener el identificador del cliente, el nombre de la compañía, el
  - -- identificador y la fecha de la orden de todas las órdenes y aquellos clientes
  - -- que hagan match.
- •select c.customer\_id , c.company\_name , o.order\_id , o.order\_date
  from orders o left join customers c
  on o.customer id = c.customer id;

### customers(+) 1 ×

gelect c.customer\_id , c.company\_name , o.orde | 💥 Enter a SQL expression to filter results (use Ctrl+Space)

	customer_id 🔻	RBC company_name   The company_n	127 order_id 🔻	<pre>order_date</pre>	
	VINET	Vins et alcools Chevalier	10,248	1996-07-04	
2	TOMSP	Toms Spezialitäten	10,249	1996-07-05	
3	HANAR	Hanari Carnes	10,250	1996-07-08	
4	VICTE	Victuailles en stock	10,251	1996-07-08	
5	SUPRD	Suprêmes délices	10,252	1996-07-09	
6	HANAR	Hanari Carnes	10,253	1996-07-10	
7	CHOPS	Chop-suey Chinese	10,254	1996-07-11	
8	RICSU	Richter Supermarkt	10,255	1996-07-12	
9	WELLI	Wellington Importadora	10,256	1996-07-15	

```
    -- 13. Obtener el identificador del empleados, apellido, identificador de territorio
    -- y descripción del territorio de todos los empleados y aquellos que hagan match
    -- en territorios:
```

on e.employee\_id = sq.employee\_id;

-- Otra que se me ocurrio para evitar la subquery

•select et.employee\_id , t.territory\_id , t.territory\_description , e.last\_name
from employees e , employee\_territories et left join territories t
on et.territory\_id = t.territory\_id
where e.employee\_id = et.employee\_id;

	lacktriangle					
employ	employee_territories(+) 1 ×					
coloct	select et.employee id , t.territory id , t.territory 2 Enter a SQL expression to filter results (use Ctrl+Space)					
SCICCO			III Y I W LIICEI a JQL expression			
	📆 employee_id 🔻	📭 territory_id 🔻	RBC territory_description •	RBC last_name 🔻		
1	1 🗹	06897	Wilton	Davolio		
2	1 ♂	19713	Neward	Davolio		
3	2 ☑	01581	Westboro	Fuller		
4	2 ☑	01730	Bedford	Fuller		
5	2 ☑	01833	Georgetow	Fuller		
6	2 ☑	02116	Boston	Fuller		
7	2 ☑	02139	Cambridge	Fuller		
8	2 ☑	02184	Braintree	Fuller		
9	2 ☑	40222	Louisville	Fuller		
10	3 ₫	30346	Atlanta	Leverling		
	T	22.400		. "		

-- 14. Obtener el identificador de la orden y el nombre de la empresa de todos las
 -- órdenes y aquellos clientes que hagan match:

•select o.order\_id , c.company\_name
 from orders o left join customers c
 on o.customer id = c.customer id;

employee\_territories(+) 1 ×

territory\_id RBC territory\_description ▼ RBC last\_name 1 🗹 06897 Wilton Neward Davolio Fuller Westboro Bedford Fuller Georgetow Fuller Boston Fuller 2 2 02139 Cambridge Fuller **Braintree** Louisville Fuller 30346 Atlanta Leverling Leverling Orlando Leverling 33607

```
•select o.order id , c.company name
     from orders o right join customers c
orders(+) 1 ×
           10,248 Vins et alcools Chevalier
           10,249 Toms Spezialitäten
10,250 Hanari Carnes
           10,251 Victuailles en stock
          10.252 Suprêmes délices
           10,253 Hanari Carnes
           10,254 Chop-suey Chinese
           10,255 Richter Supermarkt
           10,256 Wellington Importadora
           10,257 HILARION-Abastos
           10,258 Ernst Handel
           10,259 Centro comercial Moctezuma
           10.260 Ottilies Käseladen
    ●-- 16. Obtener el nombre de la compañía, y la fecha de la orden de todas las órdene
      -- aquellos transportistas que hagan match. Solamente para aquellas ordenes del año
    •select s.company_name , sq.order_date
     from shippers s right join (select o.order_date , o.ship_via shippers
                                        from customers c right join orders o
                                        on c.customer id = o.customer id) sq
     on s.shipper id = sq.shippers
     where sq.order date between '1996-01-01' and '1996-12-31';
    •select s.company_name , o.order date
     from shippers s , customers c
     right join orders o on c.customer id = o.customer id
     where s.shipper id = o.ship via
     and o.order_date between '1996-01-01' and '1996-12-31';
shippers(+) 1 ×
                      order_date
    Federal Shipping
                           1996-07-04
    Speedy Express
                           1996-07-05
    United Package
                           1996-07-08
                           1996-07-08
    Speedy Express
    United Package
                           1996-07-09
    United Package
                            1996-07-10
    United Package
                           1996-07-11
    Federal Shipping
                           1996-07-12
    United Package
                           1996-07-15
   Federal Shipping
                           1996-07-16
                           1996-07-17
   Speedy Express
```

----- IOFF OOIFV DOTIM ----

- •-- 17. Obtener nombre y apellido del empleados y el identificador de territorio, de -- empleados y aquellos que hagan match o no de employee territories:
- •select e.first\_name , e.last\_name , et.territory\_id
  from employees e full outer join employee\_territories et
  on e.employee id = et.employee id;

## employees(+) 1 ×

select e.first\_name\_e.last\_name\_et.territory\_ic| 💢 Enter a SQL expression to filter results (use Ctrl+Space)

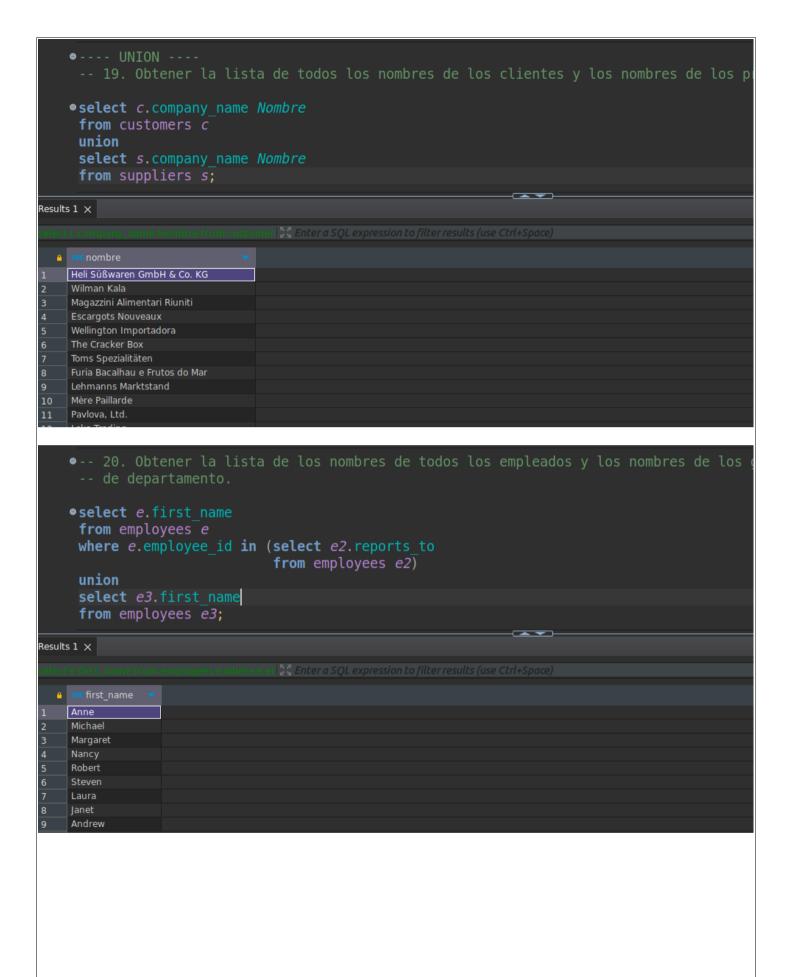
	asc first_name ▼	RBC last_name 🔻	ng territory_id 🔻	
1	Nancy	Davolio	☑ 06897	
2	Nancy	Davolio	<b>☑</b> 19713	
3	Andrew	Fuller	☑ 01581	
4	Andrew	Fuller	☑ 01730	
5	Andrew	Fuller	<b>☑</b> 01833	
6	Andrew	Fuller	<b>☑</b> 02116	
7	Andrew	Fuller	<b>☑</b> 02139	
8	Andrew	Fuller	<b>☑</b> 02184	
9	Andrew	Fuller	☑ 40222	
10	Janet	Leverling	☑ 30346	
11	Janet	Leverling	<b>☑</b> 31406	
12	Janet	Leverling	☑ 32859	

- •-- 18. Obtener el identificador de la orden, precio unitario, cantidad y total de to -- órdenes y aquellas órdenes detalles que hagan match o no:
- eselect o.order\_id , od.unit\_price , od.quantity , (od.unit\_price \* od.quantity) tot
  from orders o full outer join order\_details od
  on o.order\_id = od.order\_id;

# orders(+) 1 ×

select o order id , od unit price , od quantity , (c.  $\mathbb{R}^3$  Enter a SOL expression to filter results (use Ctrl+Space)

	127 order_id 🔻	123 unit_price 🔻	123 quantity 🔻	1ॡ total ▼	
1	10,248	14	12	168	
2	10,248	9.8	10	98.0000019073	
3	10,248	34.8	5	173.9999961853	
4	10,249	18.6		167.4000034332	
5	10,249	42.4	40	1,696.0000610352	
6	10,250	7.7	10	76.9999980927	
7	10,250	42.4	35	1,484.0000534058	
8	10,250	16.8	15	251.9999885559	
9	10,251	16.8	6	100.7999954224	
10	10,251	15.6	15	234.000005722	
11	10,251	16.8	20	335.9999847412	
12	10,252	64.8	40	2,592.0001220703	
13	10,252	2	25	50	
14	10,252	27.2	40	1,088.0000305176	



```
---- SUBOUERIES ----
    •select p.product name, p.product id
     from products p
     where p.units_in_stock > 0
     and product id in (select od.product id
                            from order details od);
         22 Ohtener las clientes que han realizada un nedida con destina a Argentina
products 1 ×
                            7 product id
    product name
    Chai
    Chang
    Aniseed Syrup
    Chef Anton's Cajun Seasoning
    Grandma's Boysenberry Spread
    Uncle Bob's Organic Dried Pears
    Northwoods Cranberry Sauce
    Mishi Kobe Niku
    Ikura
    •select c.company name
     from customers c
     where c.customer id in (select o.customer id
                                   from orders o
                                   where o.ship_country like 'Argentina');
customers 1 ×
    Cactus Comidas para llevar
    Océano Atlántico Ltda.
    Rancho grande
    ● select od.order id , sum (od.quantity)
     from order details od
     group by od.order id
order_details 1 🗙
                126 sum
         11,038 🗹
         10,725 🗹
         10,963 🗹
         10,282 🗹
         10,283 🗹
```

```
-- de Francia.
      -- from products p
                                   from order details od
                                                                from orders o
    • SELECT p.product name
      FROM products p
      WHERE p.product id NOT IN (
           SELECT od.product id
           FROM order details od
           INNER JOIN orders o ON od.order id = o.order id
           WHERE o.ship country = 'France'
      );
products 1 X
    Aniseed Syrup
     Chef Anton's Gumbo Mix
    Mishi Kobe Niku
    Queso Manchego La Pastora
    Nord-Ost Matjeshering
    Mascarpone Fabioli
    Rogede sild
    Perth Pasties
    Escargots de Bourgogne
    Camembert Pierrot
    Röd Kaviar
    • select p.product name , avg(p).units in stock)
      from products p
      group by p.product name
products 1 ×
                              ∛avg
    Pâté chinois
    Flotemysost
    Camembert Pierrot
    Inlagd Sill
    Thüringer Rostbratwurst
    Gustaf's Knäckebröd
    Carnarvon Tigers
    Röd Kaviar
    Rhönbräu Klosterbier
    Sir Rodney's Scones
```

```
-- productos en stock
    • select p.product name , avg (p.units in stock)
      from products p
      group by p.product name, p.units in stock
      having p.units in stock > 100
products 1 ×
    Röd Kaviar
    Boston Crab Meat
    Gustaf's Knäckebröd
    Pâté chinois
    Rhönbräu Klosterbier
    Geitost
    Inlagd Sill
    Sirop d'érable
      -- promedio de pedidos superior a 10:
    •select sq.company name , avg(sq.order id)
     from (select c.company name , o.order id
             from orders o
             inner join customers c on o.customer id = c.customer id) sq
      group by sq.company name
      having avg(sq.order id) > 10;
customers 1 ×
                            avg
                           10,807.1428571429
    Wilman Kala
    Magazzini Alimentari Riuniti
                                   10,632.6
                           10,800.666666667
    The Cracker Box
    Wellington Importadora
    Let's Stop N Shop
                                  10,729.25
    Furia Bacalhau e Frutos do Mar
                                10,552.125
    Toms Spezialitäten 10,542.666666667
    Lehmanns Marktstand
    Mère Paillarde
                          10,515.8461538462
    Que Delícia
                          10,565.444444444
    The Big Cheese
```

```
-- del nombre de la categoría si el producto ha sido descontinuado.
    eselect p.product name ,
      case
      when discontinued = 0 then c.category name
      else 'Discontinued'
      end as category
      from products p inner join categories c
products 1 ×
                                6 category
    Chai
                               Discontinued
     Chang
                               Discontinued
     Aniseed Syrup
                               Condiments
     Chef Anton's Cajun Seasoning
    Chef Anton's Gumbo Mix
                               Discontinued
     Grandma's Boysenberry Spread Condiments
     Uncle Bob's Organic Dried Pears | Produce
     Northwoods Cranberry Sauce
     Mishi Kobe Niku
                               Discontinued
     Ikura
                               Seafood
     Queso Cabrales
                               Dairy Products
     Queso Manchego La Pastora
                               Dairy Products
    Konbu
                               Seafood
    •select e.first name , e.last name ,
      case
           when e.title like 'Sales Manager' then 'Gerente de Ventas'
            else e.title
           end as job title
      from employees e;
employees 1 ×
                     REC last_name
                                  pag job_title
    Nancy
                     Davolio
                                     Sales Representative
     Andrew
                     Fuller
                                     Vice President, Sales
                     Leverling
                                     Sales Representative
                                     Sales Representative
     Margaret
                     Peacock
                                    Gerente de Ventas
     Steven
                     Buchanan
     Michael
                                     Sales Representative
     Robert
                     King
                                     Sales Representative
     Laura
                     Callahan
                                    Inside Sales Coordinator
                                    Sales Representative
                     Dodsworth
```