

Tools Scripting Help

SQL File 11* estructura_dades dades_introduir Maryna Torba Sprint 2*

Limit to 1000 rows

```

1  -- Ejercicio 2
2  -- Utilizando JOIN realizarás las siguientes consultas:
3  -- Listado de los países que están haciendo compras.
4
5  • SELECT DISTINCT country
6    FROM transaction
7    LEFT JOIN company
8      ON company_id = company.id
9
10
11
12  -- Desde cuántos países se realizan las compras.
13  • SELECT COUNT(distinct countrv) as NUMERO DE PAISES

```

Result Grid Filter Rows: Export: Wrap Cell Content:

country
Germany
Australia
United States
New Zealand
Norway
United Kinadom



Result 20

Output





Action Output

#	Time	Action	Message
21	12:37:13	SELECT DATE(timestamp), sum(AMOUNT) FROM TRANSACTION WHERE declined = 0 GROU...	5 row(s) returned
22	12:37:32	SELECT COUNTRY, AVG(AMOUNT) FROM company JOIN transaction ON COMPANY.ID = co...	15 row(s) returned
23	12:37:45	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned
24	12:38:14	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned
25	12:38:46	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned
26	12:41:00	SELECT DISTINCT country FROM transaction LEFT JOIN company ON company_id = compan...	15 row(s) returned

SQL File 11* estructura_dades dades_introduir Maryna Torba Sprint 2* x


 Limit to 1000 rows 



```
10
11
12  -- Desde cuántos países se realizan las compras.
13  • SELECT COUNT(distinct country) as NUMERO_DE_PAISES
14  FROM transaction
15  LEFT JOIN company
16  ON company_id = company.id
17  ;
18
19  -- Identifica la compañía con la mayor media de ventas.
20
21  • SELECT company_name, avg(amount)
22  FROM transaction
```

Result Grid   Filter Rows: Exports:  Wrap Cell Content: 

	NUMERO_DE_PAISES
▶	15

Result 21 x

Output 

 Action Output 

#	Time	Action	Message
✓ 22	12:37:32	SELECT COUNTRY, AVG(AMOUNT) FROM company JOIN transaction ON COMPANY.ID = co...	15 row(s) returned
✓ 23	12:37:45	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned
✓ 24	12:38:14	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned
✓ 25	12:38:46	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned
✓ 26	12:41:00	SELECT DISTINCT country FROM transaction LEFT JOIN company ON company_id = compan...	15 row(s) returned
✓ 27	12:43:10	SELECT COUNT(distinct country) as NUMERO_DE_PAISES FROM transaction LEFT JOIN com...	1 row(s) returned

SQL File 11*

estructura_dades

dades_introduir

Maryna Torba Sprint 2*

Limit to 1000 rows

```

19  -- Identifica la compañía con la mayor media de ventas.
20
21  • SELECT company_name, avg(amount)
22      FROM transaction
23      JOIN company
24      ON company_id = company.id
25      WHERE declined = 0
26      GROUP BY company_name
27      ORDER BY avg(amount) desc
28      LIMIT 1;
29
30  -- Ejercicio 3
31  -- Utilizando sólo subconsultas (sin utilizar JOIN):

```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

	company_name	avg(amount)
▶	Eget Ipsum Ltd	481.860000

Result 22

×

Output

Action Output

▼

#	Time	Action	Message
✓ 23	12:37:45	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned
✓ 24	12:38:14	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned
✓ 25	12:38:46	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned
✓ 26	12:41:00	SELECT DISTINCT country FROM transaction LEFT JOIN company ON company_id = compan...	15 row(s) returned
✓ 27	12:43:10	SELECT COUNT(distinct country) as NUMERO_DE_PAISES FROM transaction LEFT JOIN com...	1 row(s) returned
✓ 28	12:43:38	SELECT company_name, avg(amount) FROM transaction JOIN company ON company_id = co...	1 row(s) returned

SQL File 11*

estructura_dades

dades_introduir

Maryna Torba Sprint 2*

Limit to 1000 rows

```

29
30 -- Ejercicio 3
31 -- Utilizando sólo subconsultas (sin utilizar JOIN):
32 -- Muestra todas las transacciones realizadas por empresas de Alemania.
33
34 • SELECT *
35 FROM transaction
36 WHERE company_id in
37 (SELECT id
38 FROM company
39 WHERE country = "Germany"
40 );
41

```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Contents:

	id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
▶	108B1D1D-5B23-A76C-55EF-C568E49A05DD	CcU-2938	b-2222	275	83.7839	-178.86	2021-07-07 17:43:16	293.57	0
	EA2C3281-C9C1-A387-44F8-729FB4B51C76	CcU-2938	b-2222	275	20.2004	-116.84	2021-05-09 10:25:08	119.36	1
	0DD2E608-5C9E-D1B3-4999-B99F43AD735A	CcU-2959	b-2234	275	9.68811	130.282	2021-04-17 05:30:17	252.47	1
	AB069F53-965E-A2A8-CE06-CA8C4FD92501	CcU-2959	b-2234	275	1.64819	-158.007	2021-04-15 13:37:18	60.99	0
	0466A42E-47CF-8D24-FD01-C0B689713128	CcU-4219	b-2302	170	-43.9695	-117.525	2021-07-26 07:29:18	49.53	0
	0A476ED9-0C13-1962-F87B-D3563924B539	CcU-4359	b-2302	221	-56.4901	114.801	2022-02-26 20:33:54	430.49	0

transaction 23 ×

Output

Action Output

#	Time	Action	Message
✓ 24	12:38:14	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned
✓ 25	12:38:46	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned
✓ 26	12:41:00	SELECT DISTINCT country FROM transaction LEFT JOIN company ON company_id = compan...	15 row(s) returned
✓ 27	12:43:10	SELECT COUNT(distinct country) as NUMERO_DE_PAISES FROM transaction LEFT JOIN com...	1 row(s) returned
✓ 28	12:43:38	SELECT company_name, avg(amount) FROM transaction JOIN company ON company_id = co...	1 row(s) returned
✓ 29	12:44:09	SELECT * FROM transaction WHERE company_id in (SELECT id FROM company WHERE ...	118 row(s) returned

SQL File 11* estructura_dades dades_introduir Maryna Torba Sprint 2*

Limit to 1000 rows

```

41
42 -- Lista las empresas que han realizado transacciones por un amount superior a la media de todas las transaccio
43
44 • SELECT company_name
45 FROM company
46 WHERE id IN (SELECT DISTINCT company_id
47 FROM transaction
48 WHERE amount > (SELECT avg(amount) FROM transaction WHERE declined = 0));
49
50 -- Eliminarán del sistema las empresas que no tienen transacciones registradas, entrega el listado de estas emp
51 -- LA respuesta: parece que no hay empresas sin transacciones registrades. Hay transacciones con el estatus "DECl
52
53 • SET SQL SAFE UPDATES = 0;

```

Result Grid Filter Rows: Export: Wrap Cell Content: [IA](#)

company_name
Ac Fermentum Incorporated
Magna A Neque Industries
Fusce Corp.
Ante Iaculis Nec Foundation
Donec Ltd
Sed Nunc Ltd

company 24 x

Output

Action Output

#	Time	Action	Message
✓ 25	12:38:46	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned
✓ 26	12:41:00	SELECT DISTINCT country FROM transaction LEFT JOIN company ON company_id = compan...	15 row(s) returned
✓ 27	12:43:10	SELECT COUNT(distinct country) as NUMERO_DE_PAISES FROM transaction LEFT JOIN com...	1 row(s) returned
✓ 28	12:43:38	SELECT company_name, avg(amount) FROM transaction JOIN company ON company_id = co...	1 row(s) returned
✓ 29	12:44:09	SELECT * FROM transaction WHERE company_id in (SELECT id FROM company WHERE ...	118 row(s) returned
✓ 30	12:44:50	SELECT company_name FROM company WHERE id IN (SELECT DISTINCT company_id FRO...	68 row(s) returned

SQL File 11* estructura_dades dades_introduir Maryna Torba Sprint 2*

Limit to 1000 rows

```

49
50 -- Eliminarán del sistema las empresas que no tienen transacciones registradas, entrega el listado de estas empresas.
51 -- LA respuesta: parece que no hay empresas sin transacciones registradas. Hay transacciones con el estatus "DEclines", pero no es lo mismo de:
52
53 • SET SQL_SAFE_UPDATES = 0;
54 • DELETE FROM company
55   WHERE id NOT IN (
56     SELECT company_id
57     FROM transaction
58   );
59
60 -- Nivell 2
61 -- Exercici 1 Identifica els cinc dies que es va generar la quantitat més gran d'ingressos a l'empresa per vendes. Mostra la data de cada tri
62
63 • SELECT DATE(timestamp), sum(AMOUNT)
64   FROM TRANSACTION
65  WHERE declined = 0
66  GROUP BY DATE(timestamp), COMPANY_ID
67  ORDER BY sum(AMOUNT) DESC
68  LIMIT 5
69

```

Output

Action Output

#	Time	Action	Message
✓ 28	12:43:38	SELECT company_name, avg(amount) FROM transaction JOIN company ON company_id = co...	1 row(s) returned
✓ 29	12:44:09	SELECT * FROM transaction WHERE company_id in (SELECT id FROM company WHERE ...	118 row(s) returned
✓ 30	12:44:50	SELECT company_name FROM company WHERE id IN (SELECT DISTINCT company_id FRO...	68 row(s) returned
✗ 31	12:45:38	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	Error Code: 1175. You are using safe update mode and you tried to update a table without a WH...
✓ 32	12:45:42	SET SQL_SAFE_UPDATES = 0	0 row(s) affected
✓ 33	12:45:45	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	0 row(s) affected

SQL File 11* estructura_dades dades_introduir Maryna Torba Sprint 2*

Limit to 1000 rows

```

59
60 -- Nivell 2
61 -- Exercici 1 Identifica els cinc dies que es va generar la quantitat més gran d'ingressos a l'empresa per vendi
62
63 • SELECT DATE(timestamp), sum(AMOUNT)
64 FROM TRANSACTION
65 WHERE declined = 0
66 GROUP BY DATE(timestamp), COMPANY_ID
67 ORDER BY sum(AMOUNT) DESC
68 LIMIT 5
69 ;
70
71 -- Eiercicio 2 ¿Cuál es el promedio de ventas por país? Presenta los resultados ordenados de mayor a menor medi

```

Result Grid

	DATE(timestamp)	sum(AMOUNT)
▶	2021-11-15	1117.27
	2021-08-14	980.04
	2021-12-22	941.20
	2021-09-27	896.01
	2021-08-04	885.62

Result 25 x

Output

Action Output

#	Time	Action	Message
✓	29 12:44:09	SELECT * FROM transaction WHERE company_id in (SELECT id FROM company WHERE ...	118 row(s) returned
✓	30 12:44:50	SELECT company_name FROM company WHERE id IN (SELECT DISTINCT company_id FRO...	68 row(s) returned
✗	31 12:45:38	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	Error Code: 1175. You are using safe update mode and
✓	32 12:45:42	SET SQL_SAFE_UPDATES = 0	0 row(s) affected
✓	33 12:45:45	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	0 row(s) affected
✓	34 12:46:16	SELECT DATE(timestamp), sum(AMOUNT) FROM TRANSACTION WHERE declined = 0 GROU...	5 row(s) returned

SQL File 11*

estructura_datos

dades_introduir

Maryna Torba Sprint 2*

Limit to 1000 rows

```

82  /* En tu empresa, se plantea un nuevo proyecto para lanzar algunas campañas publicitarias para hacer compete
83  Para ello, te piden la lista de todas las transacciones realizadas por empresas que están situadas en el mis
84  Muestra el listado aplicando JOIN y subconsultas. */
85
86  SELECT *
87  FROM TRANSACTION
88  JOIN COMPANY
89  ON COMPANY_ID = COMPANY.ID
90  WHERE COUNTRY IN (SELECT COUNTRY
91  FROM COMPANY
92  WHERE COMPANY_NAME = "Non Institute")
93  ORDER BY AMOUNT;
94

```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
▶	9AB668AE-D007-3BD8-C34B-93C854E6715C	CcU-3806	b-2618	261	60.2006	143.282	2021-12-03 17:30:24	20.93	0
	C655DD05-66BB-282B-2234-EB6345C625E4	CcU-2994	b-2326	134	27.7683	4.01592	2021-07-27 05:46:49	24.50	0
	2A5A3001-104F-1D1F-7852-5BA801869B6F	CcU-3169	b-2354	272	-67.2525	-142.557	2022-02-27 18:35:15	30.76	0
	4ABE3D77-BF86-12D3-E1C5-22663D37C199	CcU-3120	b-2326	273	-63.6087	69.6023	2021-11-13 04:18:28	38.02	1
	EC243849-3D95-A5B3-29B4-6F8AA1A5B999	CcU-3673	b-2618	267	-43.1488	-47.0093	2021-03-23 02:17:50	38.03	0

Result 27 x

Output

Action Output

#	Time	Action	Message
✖ 31	12:45:38	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	Error Code: 1175. You are using safe update mode
✔ 32	12:45:42	SET SQL_SAFE_UPDATES = 0	0 row(s) affected
✔ 33	12:45:45	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	0 row(s) affected
✔ 34	12:46:16	SELECT DATE(timestamp), sum(AMOUNT) FROM TRANSACTION WHERE declined = 0 GROU...	5 row(s) returned
✔ 35	12:46:45	SELECT COUNTRY, AVG(AMOUNT) FROM company JOIN transaction ON COMPANY.ID = co...	15 row(s) returned
✔ 36	12:47:32	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned

```

94
95 -- Muestra el listado aplicando solamente subconsultas.
96
97 • SELECT *
98 FROM TRANSACTION
99 WHERE COMPANY_ID IN (
100 SELECT ID
101 FROM COMPANY
102 WHERE COUNTRY IN (SELECT COUNTRY
103 FROM COMPANY
104 WHERE COMPANY_NAME = "Non Institute"))
105 ORDER BY AMOUNT;
106

```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: I

	id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
▶	9AB668AE-D007-3BD8-C34B-93C854E6715C	CcU-3806	b-2618	261	60.2006	143.282	2021-12-03 17:30:24	20.93	0
	C655DD05-66BB-282B-2234-EB6345C625E4	CcU-2994	b-2326	134	27.7683	4.01592	2021-07-27 05:46:49	24.50	0
	2A5A3001-104F-1D1F-7852-5BA801869B6F	CcU-3169	b-2354	272	-67.2525	-142.557	2022-02-27 18:35:15	30.76	0
	4ABE3D77-BF86-12D3-E1C5-22663D37C199	CcU-3120	b-2326	273	-63.6087	69.6023	2021-11-13 04:18:28	38.02	1
	EC243849-3D95-A5B3-29B4-6F8AA1A5B999	CcU-3673	b-2618	267	-43.1488	-47.0093	2021-03-23 02:17:50	38.03	0
	239B8576-6C0E-137A-C2F6-3180A188A2D3	CcU-2994	b-2326	126	23.6174	137.222	2021-08-26 06:04:05	43.90	0

TRANSACTION 28 x

Output

Action Output

#	Time	Action	Message
✓ 32	12:45:42	SET SQL_SAFE_UPDATES = 0	0 row(s) affected
✓ 33	12:45:45	DELETE FROM company WHERE id NOT IN (SELECT company_id FROM transaction)	0 row(s) affected
✓ 34	12:46:16	SELECT DATE(timestamp), sum(AMOUNT) FROM TRANSACTION WHERE declined = 0 GROU...	5 row(s) returned
✓ 35	12:46:45	SELECT COUNTRY, AVG(AMOUNT) FROM company JOIN transaction ON COMPANY.ID = co...	15 row(s) returned
✓ 36	12:47:32	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned
✓ 37	12:47:55	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned

SQL File 11*

estructura_dades

dades_introduir

Maryna Torba Sprint 2*

Limit to 1000 rows

```

109  /* Ejercicio 1
110  Presenta el nombre, teléfono, país, fecha y amount, de aquellas empresas que realizaron transacciones con un
111  y en alguna de estas fechas: 29 de abril de 2021, 20 de julio de 2021 y 13 de marzo de 2022. Ordena los resu
112
113  • SELECT COMPANY_NAME, PHONE, COUNTRY, DATE(timestamp), AMOUNT
114  FROM COMPANY
115  JOIN TRANSACTION
116  ON COMPANY.ID = COMPANY_ID
117  WHERE AMOUNT BETWEEN 100 AND 200
118  AND DATE(timestamp) IN ("2021-04-29", "2021-07-20", "2022-03-13")
119  AND declined = 0;
120
121  /*Ejercicio 2
  
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	COMPANY_NAME	PHONE	COUNTRY	DATE(timestamp)	AMOUNT
▶	Lorem Eu Incorporated	01 83 66 62 07	Canada	2021-07-20	133.39
	Enim Condimentum Ltd	09 55 51 66 25	United Kingdom	2021-04-29	149.89
	Nunc Interdum Incorporated	05 18 15 48 13	Germany	2022-03-13	164.32
	Nunc Interdum Incorporated	05 18 15 48 13	Germany	2021-04-29	111.51
	Interdum Feugiat Sed Associates	04 88 40 32 52	United Kingdom	2021-07-20	164.86

Result 30 ×

Output

Action Output

#	Time	Action	Message
✓ 34	12:46:16	SELECT DATE(timestamp), sum(AMOUNT) FROM TRANSACTION WHERE declined = 0 GROU...	5 row(s) returned
✓ 35	12:46:45	SELECT COUNTRY, AVG(AMOUNT) FROM company JOIN transaction ON COMPANY.ID = co...	15 row(s) returned
✓ 36	12:47:32	SELECT * FROM TRANSACTION JOIN COMPANY ON COMPANY_ID = COMPANY.ID WHER...	100 row(s) returned
✓ 37	12:47:55	SELECT * FROM TRANSACTION WHERE COMPANY_ID IN (SELECT ID FROM COMPANY ...	100 row(s) returned
✓ 38	12:48:23	SELECT COMPANY_NAME, PHONE, COUNTRY, DATE(timestamp), AMOUNT FROM COMPA...	5 row(s) returned
✓ 39	12:48:51	SELECT COMPANY_NAME, PHONE, COUNTRY, DATE(timestamp), AMOUNT FROM COMPA...	5 row(s) returned

SQL File 11*

estructura_dades

dades_introduir

Maryna Torba Sprint 2*

Limit to 1000 rows

```

121  /*Ejercicio 2
122  Necesitamos optimizar la asignación de los recursos y dependerá de la capacidad operativa que se requiera, por
123  la cantidad de transacciones que realizan las empresas, pero el departamento de recursos humanos es exigente y
124  especifique si tienen más de 4 transacciones o menos.*/
125
126  • SELECT COMPANY_NAME, COUNT(transaction.ID),
127  CASE
128  WHEN COUNT(transaction.ID) >=4 THEN "MAS DE 4"
129  ELSE "4 O MENOS"
130  END AS QUANTITY
131  FROM TRANSACTION
132  JOIN COMPANY
133  ON COMPANY_ID = COMPANY.ID
134  WHERE declined = 0
135  GROUP BY COMPANY_ID
136  ORDER BY QUANTITY;
137  ---
  
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	COMPANY_NAME	COUNT(transaction.ID)	QUANTITY
▶	Lacus Quisque Associates	1	4 O MENOS
	Amet Lorem LLP	1	4 O MENOS
	Amet Nulla Donec Corporation	1	4 O MENOS
	Nunc Sit Incorporated	1	4 O MENOS
	At Pede Corp.	1	4 O MENOS

Result 31 x

Output

Action Output

#	Time	Action	Message
✓ 39	12:48:51	SELECT COMPANY_NAME, PHONE, COUNTRY, DATE(timestamp), AMOUNT FROM COMPA...	5 row(s) returned
✓ 40	12:49:37	SELECT COMPANY_NAME, COUNT(transaction.ID), CASE WHEN COUNT(transaction.ID) >=...	100 row(s) returned