Exercici 1
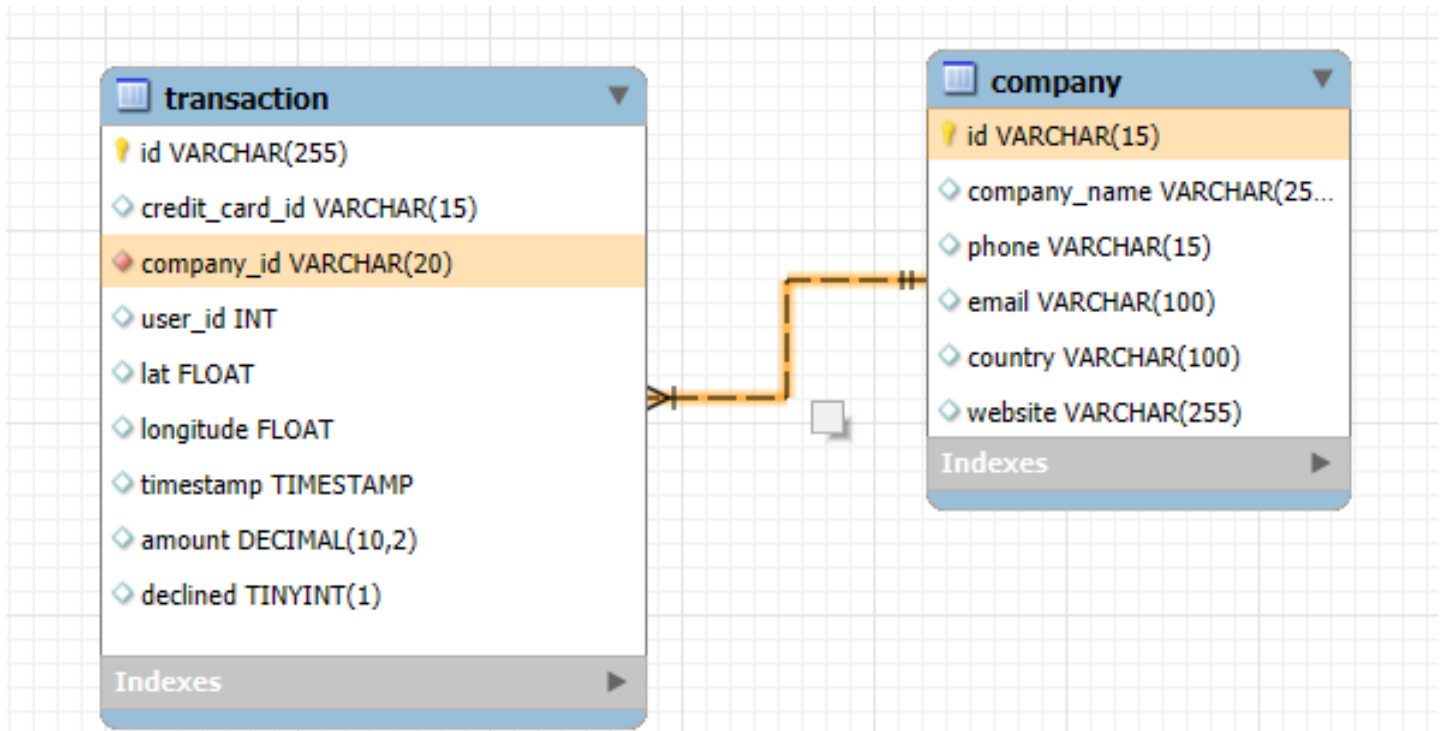
A partir dels documents adjunts (estructura_dades i dades_introduir), importa les dues taules. Mostra les característiques principals de l'esquema creat i explica les diferents taules i variables que existeixen. Assegura't d'incloure un diagrama que il·lustri la relació entre les diferents taules i variables.

transaction
- 🔑 id VARCHAR(255)
- ◇ credit_card_id VARCHAR(15)
- 🔴 company_id VARCHAR(20)
- ◇ user_id INT
- ◇ lat FLOAT
- ◇ longitude FLOAT
- ◇ timestamp TIMESTAMP
- ◇ amount DECIMAL(10,2)
- ◇ declined TINYINT(1)

Indexes

company
- 🔑 id VARCHAR(15)
- ◇ company_name VARCHAR(25...
- ◇ phone VARCHAR(15)
- ◇ email VARCHAR(100)
- ◇ country VARCHAR(100)
- ◇ website VARCHAR(255)

Indexes

Las tablas importadas forman un esquema, en donde la tabla transaction registra todas las ventas que realizan las empresas y la tabla company muestra la informacion de cada empresa. Ambas tablas poseen una primary Key llamada ID, pero la ID de transaction muestra el ID de cada transaccion unica y el ID de la tabla company muestra el ID unico de cada empresa. Ambas tablas se relacion por la foreign key de la tabla transaccction que es el company_id el cual se relacion de muchos a uno con la taba company, donde cada company tiene un solo id en la tabla company pero puede tener muchos company_id en la tabla de transacciones.

Exercici 2

Utilitzant JOIN realitzaràs les següents consultes:

- Llistat dels països que estan generant vendes.
- Des de quants països es generen les vendes.
- Identifica la companyia amb la mitjana més gran de vendes.

- Llistat dels països que estan generant vendes.

```
1
2
3 •   SELECT DISTINCT country FROM company
4     JOIN transaction ON company.id = transaction.company_id;
```

Automatic context help
disabled. Use the toolbar
manually get help for th
current caret position or
toggle automatic help

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

country
Germany
Australia
United States
New Zealand
Norway
United Kingdom
Italy
Belgium
Sweden
Ireland
China
Canada
France
Netherlands
Spain

Result Grid / Form Editor / Field Types / Query Stats / Execution Plan

Result 14 ×   Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
100152	14:00:19	select distinct country from company join transaction on company.id = transaction.company_id	15 row(s) returned	0.016 sec / 0.000 sec

- Des de quants països es generen les vendes.

```
1 •   SELECT COUNT(DISTINCT(country)) FROM company
2     JOIN transaction ON company.id = transaction.company_id;
```

Automatic context help
disabled. Use the toolbar
manually get help for th
current caret position or
toggle automatic help.

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

COUNT(DISTINCT(country))
15

Result Grid / Form Editor / Field Types / Query Stats / Execution Plan

Result 1 ×   Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
100153	14:00:55	SELECT DISTINCT country FROM company JOIN transaction ON company.id = transaction.company_id	15 row(s) returned	0.016 sec / 0.000 sec

- Identifica la companyia amb la mitjana més gran de vendes.

```sql
1 • SELECT avg(amount) as media_ventas, company_name FROM company
2    JOIN transaction ON company.id = transaction.company_id
3    where declined = 0
4    GROUP BY company_name ORDER BY media_ventas DESC limit 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

media_ventas	company_name
▶ 284.911333	Ac Fermentum Incorporated

Result Grid / Form Editor / Field Types / Query Stats

Result 1 ×   Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
● 18	10:17:15	SELECT avg(amount) as media_ventas, company_name FROM company JOIN transaction ON company.id = transa...	100 row(s) returned	0.969 sec / 0.000 sec

Exercici 3

Utilitzant només subconsultes (sense utilitzar JOIN):

- Mostra totes les transaccions realitzades per empreses d'Alemanya.
- Llista les empreses que han realitzat transaccions per un amount superior a la mitjana de totes les transaccions.
- Eliminaran del sistema les empreses que no tenen transaccions registrades, entrega el llistat d'aquestes empreses.

- Mostra totes les transaccions realitzades per empreses d'Alemanya.

```sql
1    -- Mostra totes les transaccions realitzades per empreses d'Alemanya. ---------
2 • SELECT * FROM transaction
3    WHERE company_id IN (SELECT id FROM company WHERE country = "Germany");
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows:

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
▶ 000A1E64-1414-40B0-9D92-5678A4D958E2	CcS-5966	b-2550	1385	52.0821	5.28424	2022-09-17 04:02:19	369.71	0
00138D3B-206D-4C03-94B7-63A2676EB9B4	CcS-4899	b-2222	318	41.3781	12.447	2020-03-25 10:43:43	426.36	0
001396EC-B6D7-4A60-8755-8131BFFE6397	CcS-8071	b-2302	3490	39.7767	-8.54525	2022-12-16 18:47:46	297.15	0
0013C1B6-3B84-4D6C-8154-E2B3FEBCA8E9	CcS-5070	b-2222	489	41.3814	2.18176	2020-12-17 18:15:37	316.90	0
00201A11-2E62-44C4-941D-198FC8DB77F0	CcU-3512	b-2222	193	55.5704	-3.65129	2021-01-22 23:44:27	453.04	0
0020C026-BBFB-4E53-844D-88E1ADC50306	CcS-9405	b-2566	4824	46.2131	1.62826	2016-04-11 00:11:32	9.24	0
00232E58-EFA0-42E3-9BBC-6CBBB0CAB8B7	CcS-4966	b-2302	385	60.2861	18.7729	2021-06-09 08:26:15	79.53	0
00235618-0A5C-4D49-9DCB-B3A9405D8923	CcS-8137	b-2222	3556	59.8421	18.729	2020-09-09 15:43:19	263.14	0
002CE624-16C7-42EA-BF89-B5883278EFEA	CcS-6607	b-2358	2026	40.409	-3.69465	2020-09-09 12:55:38	485.45	0
00304E64-E145-4599-8D80-006D6188DF58	CcS-9021	b-2566	4440	41.8818	12.6734	2015-07-30 11:00:47	347.61	0
004235C6-186C-4185-B94A-792BBA3D1095	CcS-6901	b-2234	2320	41.3752	12.7762	2015-09-01 17:54:57	112.21	0
004C3B9D-B536-4DE8-BCB4-30AC0802A75C	CcS-7139	b-2234	2558	51.4812	19.6353	2022-01-01 05:25:19	405.78	0

transaction 1 ×   Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
⊗ 22	10:19:58	SELECT avg(amount) as media_ventas, company_name FROM company JOIN transac...	Error Code: 1054. Unknown column 'declined' in 'having clause'	0.000 sec
⊗ 23	10:21:00	SELECT avg(amount) as media_ventas, company_name FROM company JOIN transac...	Error Code: 1054. Unknown column 'declined' in 'having clause'	0.000 sec
● 24	10:21:22	SELECT avg(amount) as media_ventas, company_name FROM company JOIN transac...	1 row(s) returned	0.859 sec / 0.000 sec
⊗ 25	10:26:10	SELECT * FROM transaction WHERE company_id = (SELECT id FROM company WH...	Error Code: 1242. Subquery returns more than 1 row	0.000 sec
● 26	10:33:23	SELECT * FROM transaction WHERE company_id IN (SELECT id FROM company W...	13291 row(s) returned	0.016 sec / 0.140 sec

- Llista les empreses que han realitzat transaccions per un amount superior a la mitjana de totes les transaccions.

```
1    -- Llista les empreses que han realitzat transaccions per un amount superior a la mitjana de totes les transaccions.----
2
3 •  SELECT company_name FROM company
4    WHERE id IN (SELECT company_id FROM transaction WHERE amount > (SELECT AVG(amount) FROM transaction));
```

company_name
Ac Fermentum Incorporated
Magna A Neque Industries
Fusce Corp.
Convallis In Incorporated
Ante Iaculis Nec Foundation
Donec Ltd
Sed Nunc Ltd
Amet Nulla Donec Corporation
Nascetur Ridiculus Mus Inc.
Vestibulum Lorem PC
Gravida Sagittis LLP
Mus Aenean Eget Foundation
Dis Parturient Institute
Sed LLC
Arcu LLP
Pretium Neque Corp.
Fringilla LLC
Quisque Libero LLC
Auctor Mauris Vel LLP

#	Time	Action	Message	Duration / Fetch
39	10:46:31	SELECT company_name FROM company WHERE id IN (SELECT company_id FROM ...	100 row(s) returned	0.141 sec / 0.000 sec
40	10:47:44	SELECT AVG(amount) FROM transaction	1 row(s) returned	0.078 sec / 0.000 sec
41	10:47:49	SELECT company_id FROM transaction WHERE amount > (SELECT AVG(amount) FR...	46722 row(s) returned	0.047 sec / 0.125 sec
42	10:47:54	SELECT company_name FROM company WHERE id IN (SELECT company_id FROM ...	100 row(s) returned	0.218 sec / 0.000 sec

- Eliminaran del sistema les empreses que no tenen transaccions registrades, entrega el llistat d'aquestes empreses.

```
1    -- Eliminaran del sistema les empreses que no tenen transaccions registrades, entrega el llistat d'aquestes empreses. --
2
3 •  SELECT company_name FROM company
4    WHERE id NOT IN (SELECT company_id FROM transaction);
```

company_name

#	Time	Action	Message	Duration / Fetch
63	10:55:10	select * from transaction	100000 row(s) returned	0.016 sec / 0.437 sec
64	10:55:42	SELECT company_name FROM company WHERE id not IN (SELECT company_id FR...	0 row(s) returned	0.110 sec / 0.000 sec
65	10:55:54	select distinct company_id from transaction	100 row(s) returned	0.015 sec / 0.000 sec
66	10:55:59	SELECT company_name FROM company WHERE id not IN (SELECT company_id FR...	0 row(s) returned	0.093 sec / 0.000 sec

⭐⭐ Nivell 2

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 transacció juntament amb el total de les vendes.

```sql
1    -- nivel 2 --
2    -- Identifica els cinc dies que es va generar la quantitat més gran d'ingressos a l'empresa per vendes.
3    -- Mostra la data de cada transacció juntament amb el total de les vendes.--
4
5 •  SELECT DATE(timestamp) as dia, SUM(amount) as total_por_dia from transaction
6    group by dia order by total_por_dia desc limit 5;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

dia	total_por_dia
2022-12-13	14337.44
2019-11-18	13591.32
2023-02-20	13332.59
2017-12-20	13318.43
2019-03-18	12680.95

Result 4 ✕   ⓘ Read Only   Context Help   Snippets

Output

Action Output ▾

#	Time	Action	Message	Duration / Fetch
✅ 69	11:00:19	SELECT timestamp, SUM(amount) from transaction group by timestamp	99986 row(s) returned	0.312 sec / 0.063 sec
✅ 70	11:04:16	SELECT DATE(timestamp) as dia, SUM(amount) from transaction group by dia	3653 row(s) returned	0.172 sec / 0.000 sec
✅ 71	11:05:18	SELECT DATE(timestamp) as dia, SUM(amount) as suma_por_dia from transaction grou...	5 row(s) returned	0.187 sec / 0.000 sec
✅ 72	11:06:01	SELECT DATE(timestamp) as dia, SUM(amount) as total_por_dia from transaction grou...	5 row(s) returned	0.203 sec / 0.000 sec

Exercici 2

Quina és la mitjana de vendes per país? Presenta els resultats ordenats de major a menor mitjà.

```sql
1    -- Quina és la mitjana de vendes per país? Presenta els resultats ordenats de major a menor mitjà. --
2
3 •  SELECT country, AVG(amount) as media_de_ventas FROM company
4    JOIN transaction ON company.id = company_id
5    GROUP BY country ORDER BY media_de_ventas DESC;
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

country	media_de_ventas
Australia	265.190742
United States	264.977877
Belgium	261.153042
Germany	260.841391
Ireland	260.644761
Spain	260.468125
France	259.979185
New Zealand	259.586176
Norway	259.375337
Netherlands	258.436128
Italy	258.272740
Sweden	257.437949
Canada	257.431229
United Kingdom	256.759607
China	252.422260

Result 3 ✕   ⓘ Read Only   Context Help   Snippets

Output

Action Output ▾

#	Time	Action	Message	Duration / Fetch
❌ 73	11:11:11	SELECT country, AVG(amount) FROM company JOIN transaction ON company.id = co...	Error Code: 1140. In aggregated query without GROUP BY, expression #1 of SELECT list contains nonaggregated column 'transactions.company...	0.000 sec
✅ 74	11:11:32	SELECT country, AVG(amount) FROM company JOIN transaction ON company.id = co...	15 row(s) returned	0.485 sec / 0.000 sec
✅ 75	11:13:16	SELECT country, AVG(amount) as media_de_ventas FROM company JOIN transaction...	15 row(s) returned	0.562 sec / 0.000 sec
✅ 76	11:13:29	SELECT country, AVG(amount) as media_de_ventas FROM company JOIN transaction...	15 row(s) returned	0.484 sec / 0.000 sec

Exercici 3

En la teva empresa, es planteja un nou projecte per a llançar algunes campanyes publicitàries per a fer competència a la companyia "Non Institute". Per a això, et demanen la llista de totes les transaccions realitzades per empreses que estan situades en el mateix país que aquesta companyia.

- Mostra el llistat aplicant JOIN i subconsultes.
- Mostra el llistat aplicant solament subconsultes.

- Mostra el llistat aplicant JOIN i subconsultes.

```sql
1    -- En la teva empresa, es planteja un nou projecte per a llançar algunes campanyes publicitàries per a fer competència a la companyia "Non Institute".
2    -- Per a això, et demanen la llista de totes les transaccions realitzades per empreses que estan situades en el mateix país que aquesta companyia.
3    -- Mostra el llistat aplicant JOIN i subconsultes.
4    -- Mostra el llistat aplicant solament subconsultes.
5
6    -- aplicant JOIN i subconsultes.-----
7    SELECT * FROM  transaction
8    JOIN company ON company.id = company_id
9    WHERE country IN (SELECT country FROM company WHERE company_name = "Non Institute");
```

	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined	id	company_name	phone	email	country	we
7	CcS-7341	b-2374	2760	50.6831	10.9393	2015-01-01 00:49:25	369.45	0	b-2374	Amet Faucibus...	03 21 62 47 12	malesuada@iclo...	United Kingdom	http
51	CcS-6887	b-2374	2306	51.8623	4.91741	2015-01-01 02:50:51	323.38	0	b-2374	Amet Faucibus...	03 21 62 47 12	malesuada@iclo...	United Kingdom	http
3A5	CcS-7548	b-2430	2967	39.8834	-8.29684	2015-01-01 04:03:33	365.71	0	b-2430	Interdum Feug...	04 88 40 32 52	consectetuer.m...	United Kingdom	http
77	CcS-5508	b-2354	927	40.4194	-3.69686	2015-01-01 09:18:36	365.17	0	b-2354	Ac Libero Inc.	04 36 20 64 29	mollis.lectus@pr...	United Kingdom	http
51F	CcS-9080	b-2374	4499	39.2368	-7.95797	2015-01-01 18:40:24	266.56	0	b-2374	Amet Faucibus...	03 21 62 47 12	malesuada@iclo...	United Kingdom	http
13	CcS-8527	b-2246	3946	46.9557	1.56513	2015-01-02 16:56:43	354.82	0	b-2246	Sed Nunc Ltd	02 62 64 73 48	nibh@yahoo.org	United Kingdom	http
F2A	CcS-9189	b-2522	4608	51.8801	5.25737	2015-01-02 21:01:29	194.29	0	b-2522	Viverra Donec ...	03 33 12 32 73	dictum.eu@outl...	United Kingdom	http
4FF	CcS-7142	b-2374	2561	51.6586	18.7165	2015-01-02 23:19:29	287.32	0	b-2374	Amet Faucibus...	03 21 62 47 12	malesuada@iclo...	United Kingdom	http
37	CcS-6937	b-2574	2356	40.9445	-3.65745	2015-01-02 23:33:24	181.47	0	b-2574	Orci Adipiscing ...	03 18 00 77 81	dolor.fusce@pr...	United Kingdom	http
BA	CcS-6717	b-2310	2136	51.4405	5.46753	2015-01-04 04:15:15	91.96	0	b-2310	Non Magna LLC	06 71 73 13 17	nisl.quisque.frin...	United Kingdom	http
6A	CcS-6036	b-2430	1455	52.6307	5.50903	2015-01-04 05:48:54	62.36	0	b-2430	Interdum Feug...	04 88 40 32 52	consectetuer.m...	United Kingdom	http
31	CcS-6074	b-2522	1493	60.3265	19.0769	2015-01-04 06:58:39	419.60	0	b-2522	Viverra Donec ...	03 33 12 32 73	dictum.eu@outl...	United Kingdom	http
54	CcS-7196	b-2522	2615	52.2058	19.0401	2015-01-04 15:53:52	582.28	0	b-2522	Viverra Donec ...	03 33 12 32 73	dictum.eu@outl...	United Kingdom	http

#	Time	Action	Message	Duration / Fetch
82	11:25:47	SELECT * FROM transaction JOIN company ON company.id = company_id WHERE c...	13776 row(s) returned	0.000 sec / 0.141 sec
83	11:26:58	(SELECT country FROM company WHERE company_name = "Non Institute"	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to ...	0.000 sec
84	11:27:04	SELECT country FROM company WHERE company_name = "Non Institute"	1 row(s) returned	0.000 sec / 0.000 sec
85	11:27:08	SELECT * FROM transaction JOIN company ON company.id = company_id WHERE c...	13776 row(s) returned	0.000 sec / 0.156 sec

- Mostra el llistat aplicant solament subconsultes.

```sql
10
11    -- aplicant solament subconsultes.
12
13    SELECT * FROM  transaction
14    WHERE company_id IN (SELECT id from company
15                WHERE country IN (SELECT  country FROM company WHERE company_name = "Non Institute"));
16
17
18
```

	id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
	003AD3F7-AF0F-441C-B221-6117814CA2F7	CcS-6228	b-2618	1647	55.3732	-3.39702	2021-01-14 20:39:57	266.68	0
	00C26276-9500-4D80-A2BE-49A064C229FB	CcS-9064	b-2618	4483	39.4627	-0.377206	2016-03-24 08:06:04	136.60	0
	00CA0053-4EA7-4F80-AE4E-0E7AB6D65CFF	CcS-8527	b-2618	3946	46.5307	2.27639	2016-09-19 22:11:41	437.09	0
	00D7ECC1-F470-40CD-8DD0-8A7F709F76C7	CcS-8926	b-2618	4345	46.5688	1.93599	2020-01-02 13:10:34	345.92	0
	00DC1967-4260-4588-926A-35DB317433C5	CcS-6473	b-2618	1892	52.3388	5.7368	2023-05-05 07:46:56	62.62	0
	00E4DA17-35F6-4D61-99E7-B317455DB1B6	CcS-8954	b-2618	4373	42.2102	12.1252	2017-08-11 11:12:53	92.91	0
	014785AE-0AEB-4A32-826A-4F0C1B73C051	CcS-6381	b-2618	1800	51.7762	5.56833	2018-11-15 17:00:14	270.93	0
	0173575D-6BE2-4450-AFED-9568E3549FBA	CcS-9255	b-2618	4674	39.0251	-7.97634	2021-11-20 11:00:18	30.14	0
	0175A14D-921F-4D71-B3E8-8AE2B4074DC2	CcS-6339	b-2618	1758	41.3898	2.16622	2018-05-11 07:19:30	493.06	0
	018FC5FC-6619-4D45-8BEC-445886FCDA42	CcS-7065	b-2618	2484	60.1232	18.4976	2023-06-30 09:37:11	526.48	0
	01F7B6C6-F4C0-4D83-94D3-4DDDA41893C0	CcS-6388	b-2618	1807	41.7263	13.0113	2018-03-02 05:58:33	226.34	0
	020614D3-07AE-47FD-BD47-2B83442C894F	CcS-7922	b-2618	3341	39.448	-8.52514	2024-08-05 10:51:44	189.21	0
	023D1462-1AEC-4B71-865C-3BA1EF496688	CcS-8011	b-2618	3430	47.0052	1.6806	2016-04-14 13:29:06	203.06	0
	02745D9B-D43B-47B8-9565-227705EE0B5C	CcS-6141	b-2618	1560	41.3848	2.16505	2020-12-28 08:27:42	305.94	0

#	Time	Action	Message	Duration / Fetch
98	11:41:46	SELECT * FROM transaction WHERE company_id IN (SELECT id from company WH...	13776 row(s) returned	0.031 sec / 0.375 sec
99	11:43:10	SELECT country FROM company WHERE company_name = "Non Institute"	1 row(s) returned	0.000 sec / 0.000 sec
100	11:43:16	SELECT id from company WHERE country IN (SELECT country FROM company WH...	9 row(s) returned	0.000 sec / 0.000 sec
101	11:43:23	SELECT * FROM transaction WHERE company_id IN (SELECT id from company WH...	13776 row(s) returned	0.000 sec / 0.359 sec

⭐ Nivell 3

Exercici 1

Presenta el nom, telèfon, país, data i amount, d'aquelles empreses que van realitzar transaccions amb un valor comprès entre 350 i 400 euros i en alguna d'aquestes dates: 29 d'abril del 2015, 20 de juliol del 2018 i 13 de març del 2024. Ordena els resultats de major a menor quantitat.

```sql
1    -- Nivel 3 --
2    -- Presenta el nom, telèfon, país, data i amount, d'aquelles empreses que van realitzar transaccions amb un valor comprès entre 350 i 400 euros i en alguna d'aquestes dates:
3    -- 29 d'abril del 2015, 20 de juliol del 2018 i 13 de març del 2024.
4    -- Ordena els resultats de major a menor quantitat.
5
6 •  SELECT company_name, phone, country, DATE(timestamp) AS date, amount FROM company
7    JOIN transaction ON company.id = company_id
8    WHERE amount BETWEEN 350 AND 400 AND (DATE(timestamp) = '2015-04-29' OR  DATE(timestamp) = '2018-07-20' OR  DATE(timestamp) = '2024-03-13')
9    ORDER BY amount DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

company_name	phone	country	date	amount
Aliquam PC	01 45 73 52 16	Germany	2024-03-13	399.84
Auctor Mauris Vel LLP	08 09 28 74 14	United States	2018-07-20	399.51
At Pede Corp.	06 14 48 33 15	Italy	2015-04-29	390.69
Aliquam PC	01 45 73 52 16	Germany	2024-03-13	388.29
Orci Adipiscing Limited	03 18 00 77 81	United Kingdom	2018-07-20	373.71
Fringilla LLC	08 29 15 93 57	New Zealand	2015-04-29	367.62
Pede Cum Ltd	07 62 26 48 38	Norway	2018-07-20	356.87
Auctor Mauris Vel LLP	08 09 28 74 14	United States	2024-03-13	353.75

Result 14 × ● Read On

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	114 12:01:36	SELECT company_name, phone, country, DATE(timestamp), amount FROM company ...	8 row(s) returned	0.094 sec / 0.000 sec
✗	115 12:02:17	SELECT company_name, phone, country, DATE(timestamp) AS fecha, amount FROM ...	Error Code: 1054. Unknown column 'fecha' in 'where clause'	0.000 sec
✓	116 12:02:36	SELECT company_name, phone, country, DATE(timestamp) AS fecha, amount FROM ...	8 row(s) returned	0.093 sec / 0.000 sec
✓	117 12:02:52	SELECT company_name, phone, country, DATE(timestamp) AS date, amount FROM c...	8 row(s) returned	0.078 sec / 0.000 sec

Exercici 2

Necessitem optimitzar l'assignació dels recursos i dependrà de la capacitat operativa que es requereixi, per la qual cosa et demanen la informació sobre la quantitat de transaccions que realitzen les empreses, però el departament de recursos humans és exigent i vol un llistat de les empreses on especifiquis si tenen més de 400 transaccions o menys.

```sql
1    -- Necessitem optimitzar l'assignació dels recursos i dependrà de la capacitat operativa que es requereixi,
2    -- per la qual cosa et demanen la informació sobre la quantitat de transaccions que realitzen les empreses,
3    --  però el departament de recursos humans és exigent i vol un llistat de les empreses on especifiquis si tenen més de 400 transaccions o menys.
4
5 •  SELECT company_name, IF(COUNT(transaction.id) > 400, '+400 Transacciones', '-400 Transacciones') AS transacciones FROM company
6    JOIN transaction ON company.id = company_id
7    group by company_name ORDER BY company_name ;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

company_name	transacciones
Etiam Bibendum Fermentum Indus...	+400 Transacciones
Euismod Mauris Institute	+400 Transacciones
Fringilla LLC	-400 Transacciones
Fringilla Porttitor Incorporated	+400 Transacciones
Fusce Corp.	+400 Transacciones
Gravida Sagittis LLP	+400 Transacciones
Integer Mollis Corp.	+400 Transacciones
Interdum Feugiat Sed Associates	+400 Transacciones
Justo Eu Arcu Ltd	+400 Transacciones
Lacus Quisque Associates	+400 Transacciones
Lorem Eu Incorporated	-400 Transacciones
Lorem Ipsum Dolor Corp.	+400 Transacciones
Maecenas Malesuada Fringilla Inc.	+400 Transacciones
Magna A Neque Industries	+400 Transacciones
Magna Incorporated	+400 Transacciones
Malesuada PC	+400 Transacciones
Mattis Foundation	+400 Transacciones
Mauris Id Inc.	+400 Transacciones

Result 7 × ● Read On

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	123 12:16:53	SELECT company_name, IF(COUNT(transaction.id) > 400, '+400 Transacciones', '-400 ...	100 row(s) returned	0.188 sec / 0.000 sec
✓	124 12:17:17	SELECT company_name, IF(COUNT(transaction.id) > 400, '+400 Transacciones', '-400 ...	100 row(s) returned	0.171 sec / 0.000 sec