

Sprint 2

Nivel 1

Ejercicio 1

A partir de los documentos adjuntos (estructura_datos y datos_introducir), importa las dos tablas. Muestra las principales características del esquema creado y explica las diferentes tablas y variables que existen. Asegúrate de incluir un diagrama que ilustre la relación entre las distintas tablas y variables.

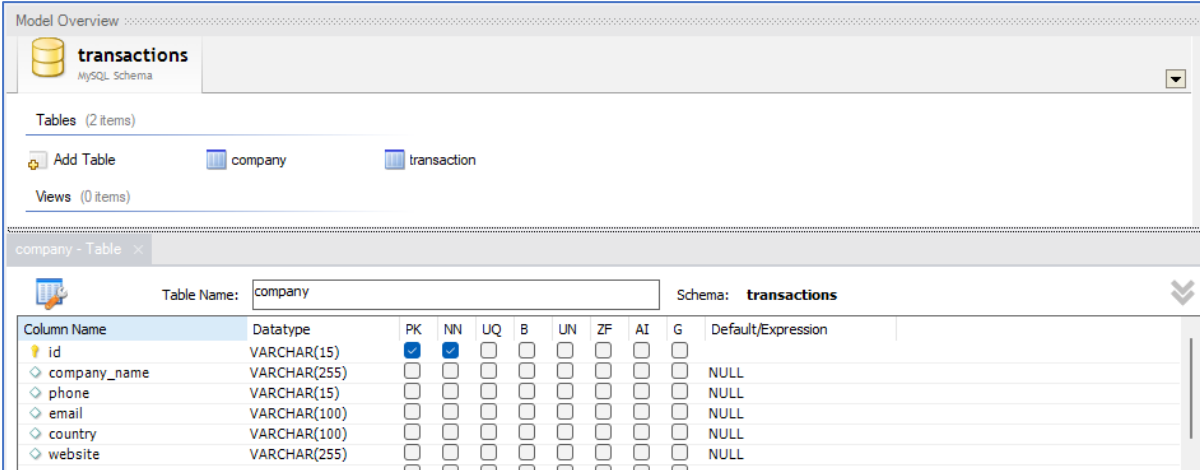
El esquema **'transactions'** tiene 2 tablas: **'company'** y **'transaction'**.

Tabla **'company'** – Datos de identificación de las empresas

Columnas: id (primary key), company_name, phone, email, country, website

Tabla **'transactions'** – Datos de las transacciones de pago

Columnas: id(primary key), credit_card_id, company_id (foreign key), user_id, lat, longitude, timestamp, amount, declined



Model Overview

transactions
MySQL Schema

Tables (2 items)

Add Table company transaction

Views (0 items)

company - Table

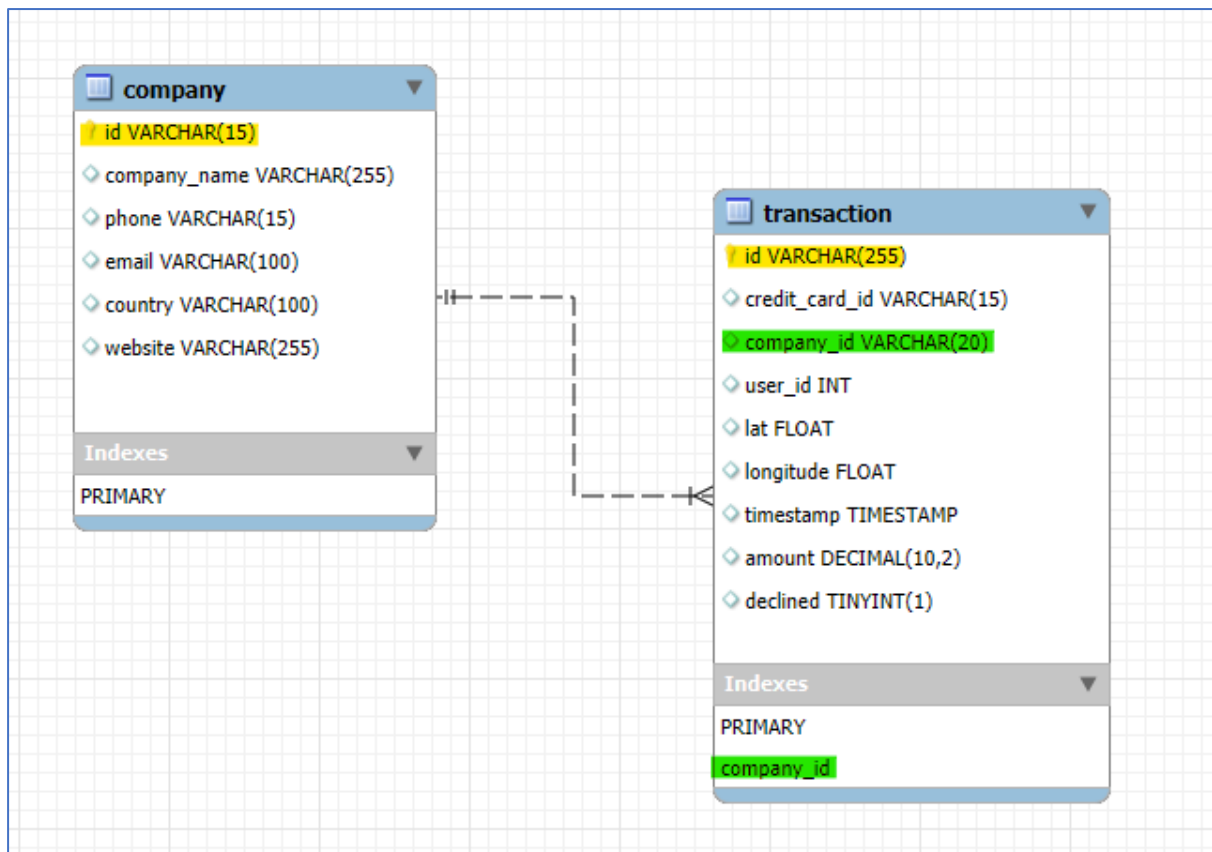
Table Name: company Schema: transactions

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	VARCHAR(15)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
company_name	VARCHAR(255)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
phone	VARCHAR(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
email	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
country	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
website	VARCHAR(255)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Data Analytics – SQL

transaction - Table										
Table Name: transaction					Schema: transactions					
Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	VARCHAR(255)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
credit_card_id	VARCHAR(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
company_id	VARCHAR(20)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
user_id	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
lat	FLOAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
longitude	FLOAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
timestamp	TIMESTAMP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
amount	DECIMAL(10,2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
declined	TINYINT(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

La tabla company se relaciona con la tabla transaction en una relación de uno (company) a N (transaction). La columna 'company_id' es una foreign key y hace referencia a la primary key id de la tabla company.



Nivel 1

Ejercicio 2

Utilizando JOIN realizarás las siguientes consultas:

- Listado de los países que están generando ventas.

```
SELECT DISTINCT c.country
```

```
FROM transaction as t
```

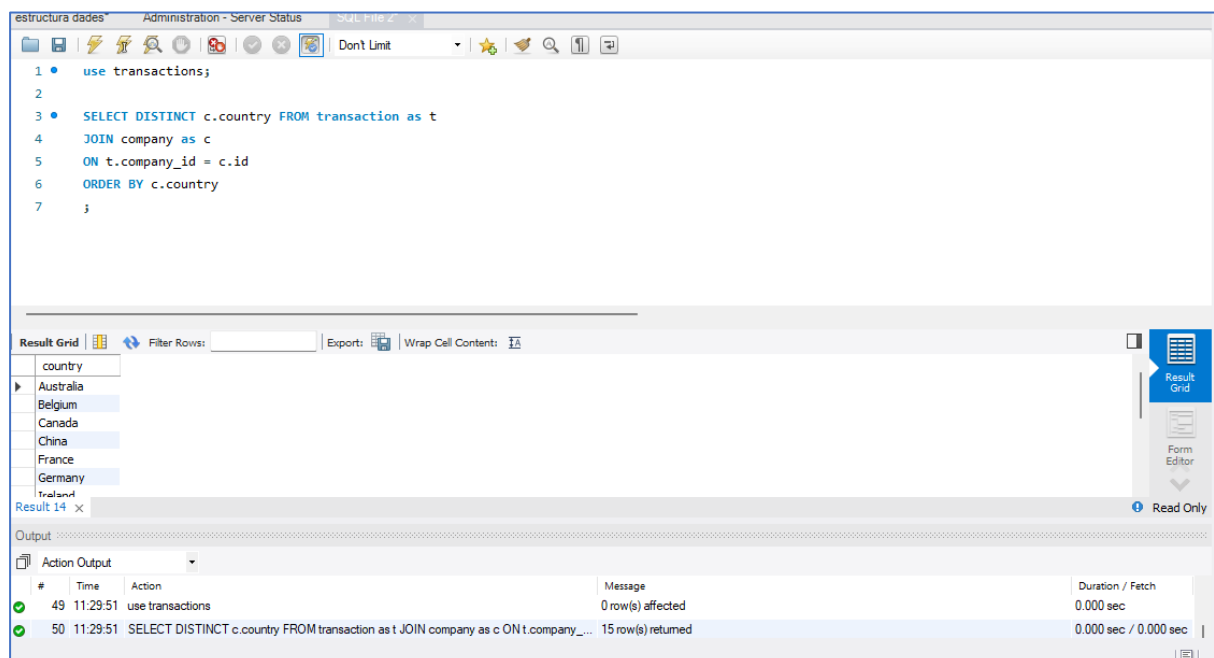
```
JOIN company as c
```

```
ON t.company_id = c.id
```

```
ORDER BY c.country
```

```
;
```

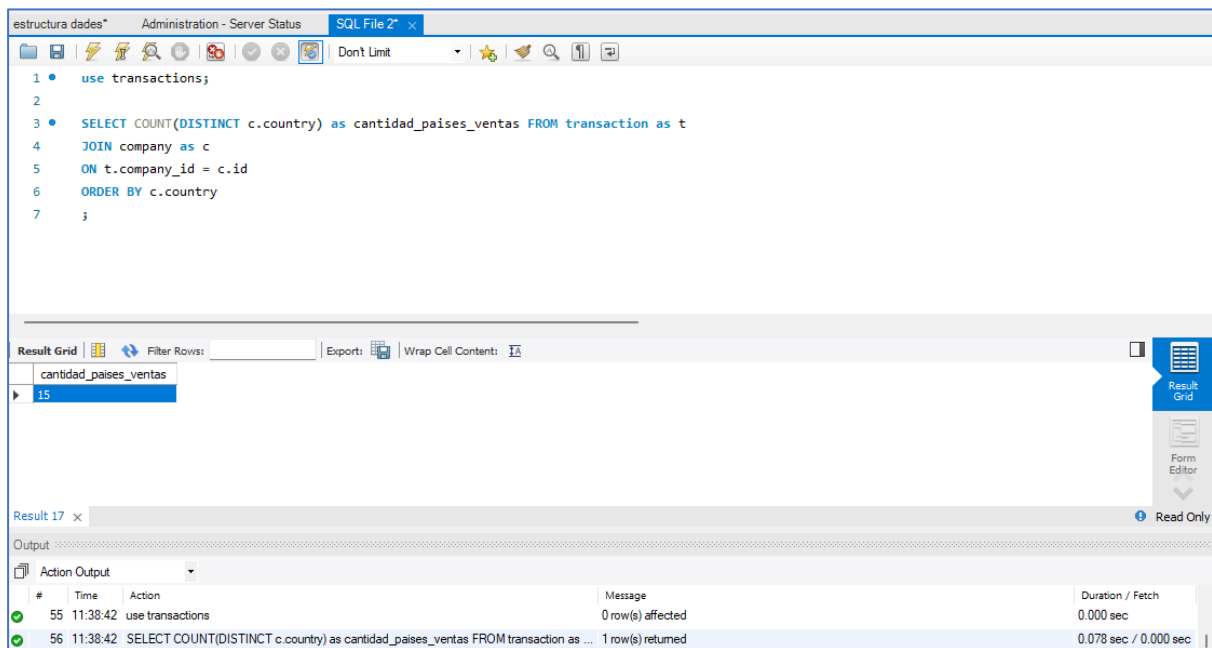
Australia	Netherlands	China	Spain	Ireland
Belgium	New Zealand	France	Sweden	Italy
Canada	Norway	Germany	United Kingdom	United States



Data Analytics – SQL

- Desde cuántos países se generan las ventas.

```
SELECT COUNT(DISTINCT c.country) as cantidad_paises_ventas
FROM transaction as t
JOIN company as c
ON t.companyid = c.id
ORDER BY c.country
;
```



- Identifica a la compañía con la mayor media de ventas.

media_ventas	company_name
284.87	Ac Fermentum Incorporated

```
SELECT ROUND (AVG(t.amount),2) as media_ventas, c.company_name
FROM transaction as t
JOIN company as c
ON t.company_id = c.id
GROUP BY c.company_name
ORDER BY media_ventas DESC
LIMIT 1;
```

Data Analytics – SQL

26 -- Compañia con la mayor media de ventas
27
28 • SELECT ROUND (AVG(t.amount),2) as media_ventas, c.company_name
29 FROM transaction as t
30 JOIN company as c
31 ON t.company_id = c.id
32 GROUP BY c.company_name
33 ORDER BY media_ventas DESC
34 LIMIT 1
35
--

Result Grid

media_ventas	company_name
284.87	Ac Fermentum Incorporated

Result 3 x Read Only

Output

#	Time	Action	Message	Duration / Fetch
4	20:36:45	SELECT ROUND (AVG(t.amount)) as media_ventas, c.company_name FROM transactio...	1 row(s) returned	0.328 sec / 0.000 sec
5	20:37:16	SELECT ROUND (AVG(t.amount),2) as media_ventas, c.company_name FROM transactio...	1 row(s) returned	0.328 sec / 0.000 sec

Data Analytics – SQL

Nivel 1

Ejercicio 3

Utilizando sólo subconsultas (sin utilizar JOIN):

- Muestra todas las transacciones realizadas por empresas de Alemania.

SELECT *

FROM transaction as t

WHERE t.company_id IN

(-- Subquery para seleccionar apenas los id de Alemania

SELECT c.id

FROM company as c

WHERE c.country = 'Germany')

;

The screenshot shows a SQL IDE interface with a query editor and a results grid. The query is as follows:

```
28
29  -- transacciones realizadas por empresas de Alemania.
30
31  SELECT * FROM transaction as t
32  WHERE t.company_id IN
33  (SELECT c.id FROM company as c
34   WHERE c.country = 'Germany')
35
36
37
```

The results grid displays the following data:

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
00138D3B-206D-4C03-94B7-63A2676EB9B4	CcS-4899	b-2222	318	41.3781	12.447	2020-03-25 10:43:43	426.36	0
0013C1B6-3884-4D6C-8154-E2B3FBCA8E9	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
00235618-0A5C-4D49-9DCB-83A9405D8923	CcS-8137	b-2222	3556	59.8421	18.729	2020-09-09 15:43:19	263.14	0
005A5A7B-1F1A-4B6C-9B15-1625A78C9C38	CcS-8998	b-2222	4417	41.1591	-8.63905	2024-05-15 09:10:11	442.01	0
00687139-48B2-4FFA-8E73-B20376F04AB4	CcS-4870	b-2222	289	51.1966	10.4669	2019-03-09 19:37:49	524.84	0
00746A9B-33F1-4877-8768-55906314673A	CcS-8081	b-2222	3500	30.7016	-8.50375	2016-12-26 23:06:57	401.00	0

The output section shows the execution of the query:

#	Time	Action	Message	Duration / Fetch
131	12:42:05	SELECT * FROM transaction as t WHERE t.company_id IN (SELECT c.id FROM com...	13291 row(s) returned	0.000 sec / 0.094 sec
132	12:49:44	SELECT * FROM transaction as t WHERE t.company_id IN (SELECT c.id FROM com...	13291 row(s) returned	0.000 sec / 0.062 sec

Data Analytics – SQL

- Lista las empresas que han realizado transacciones por un amount superior a la media de todas las transacciones.

SELECT c.company_name

FROM company AS c

WHERE c.id IN

(**-- Subquery para encontrar las empresas con media de ventas por encima de la media general**

SELECT t.company_id

FROM transaction as t

GROUP BY t.company_id

HAVING ROUND(AVG(t.amount),2) >

(-- Subquery para encontrar la media general

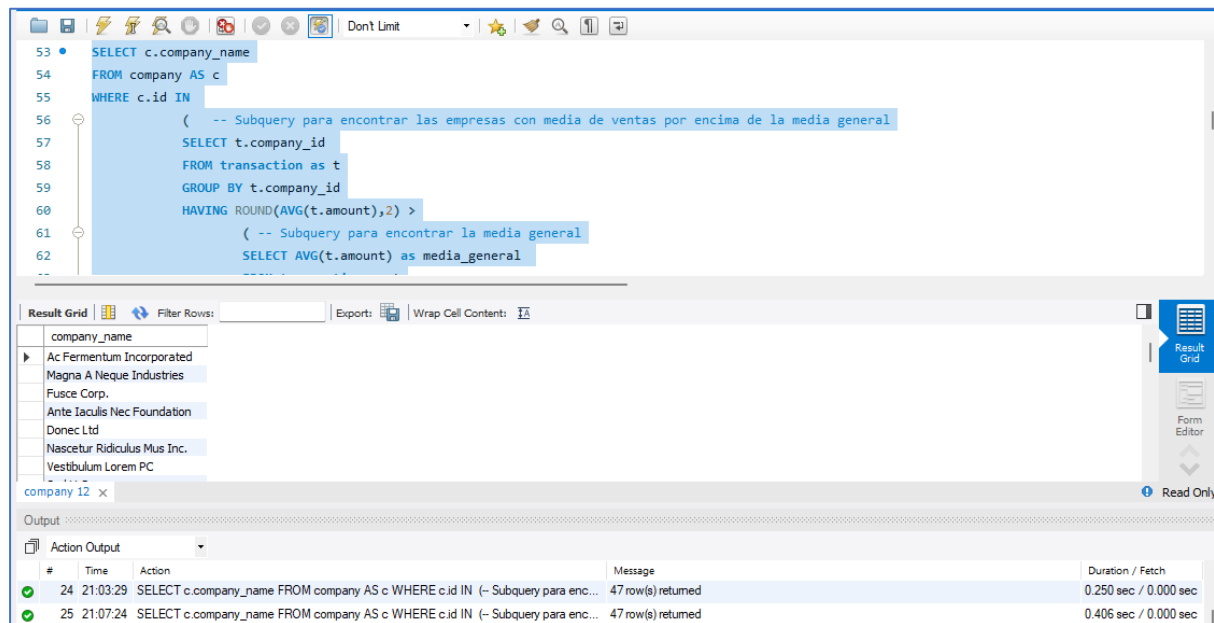
SELECT AVG(t.amount) as media_general

FROM transaction as t

)

)

;



The screenshot shows a SQL IDE interface with a query editor at the top and a results pane at the bottom. The query editor contains the following SQL code:

```
53 SELECT c.company_name
54 FROM company AS c
55 WHERE c.id IN
56 (
57     -- Subquery para encontrar las empresas con media de ventas por encima de la media general
58     SELECT t.company_id
59     FROM transaction as t
60     GROUP BY t.company_id
61     HAVING ROUND(AVG(t.amount),2) >
62     (
63         -- Subquery para encontrar la media general
64         SELECT AVG(t.amount) as media_general
65     )
66 )
67 ;
```

The results pane shows a table with the following data:

company_name
Ac Fermentum Incorporated
Magna A Neque Industries
Fusce Corp.
Ante Iaculis Nec Foundation
Donec Ltd
Nascetur Ridiculus Mus Inc.
Vestibulum Lorem PC

The bottom of the screenshot shows the 'Action Output' pane with the following log entries:

#	Time	Action	Message	Duration / Fetch
24	21:03:29	SELECT c.company_name FROM company AS c WHERE c.id IN (-- Subquery para enc...	47 row(s) returned	0.250 sec / 0.000 sec
25	21:07:24	SELECT c.company_name FROM company AS c WHERE c.id IN (-- Subquery para enc...	47 row(s) returned	0.406 sec / 0.000 sec

Data Analytics – SQL

- Eliminarán del sistema las empresas que carecen de transacciones registradas, entrega el listado de estas empresas.

```
SELECT c.id, c.company_name
```

```
FROM company AS c
```

```
WHERE c.id NOT IN
```

```
( -- Subquery para identificar los company_id de las transacciones
```

```
SELECT DISTINCT t.company_id
```

```
FROM transaction as t
```

```
)
```

```
;
```

The screenshot shows a SQL IDE interface with a query editor, a result grid, and an output panel. The query editor contains the following SQL code:

```
63
64 -- empresas que carecen de transacciones registradas
65
66 • SELECT c.id, c.company_name
67 FROM company AS c
68 WHERE c.id NOT IN
69 (
70 SELECT DISTINCT t.company_id
71 FROM transaction as t
72 )
73 ;
```

The result grid shows the following data:

id	company_name
NULL	NULL

The output panel shows the following message:

```
company 66 x
Output
Action Output
# Time Action Message Duration / Fetch
202 23:33:17 SELECT DISTINCT t.company_id FROM transaction as t 100 row(s) returned 0.000 sec / 0.000 sec
```


Data Analytics – SQL

Nivel 2

Ejercicio 1

Identifica los cinco días que se generó la mayor cantidad de ingresos en la empresa por ventas.
Muestra la fecha de cada transacción junto con el total de las ventas.

```
SELECT DATE(t.timestamp), SUM(amount) AS total_ventas

FROM transaction AS t

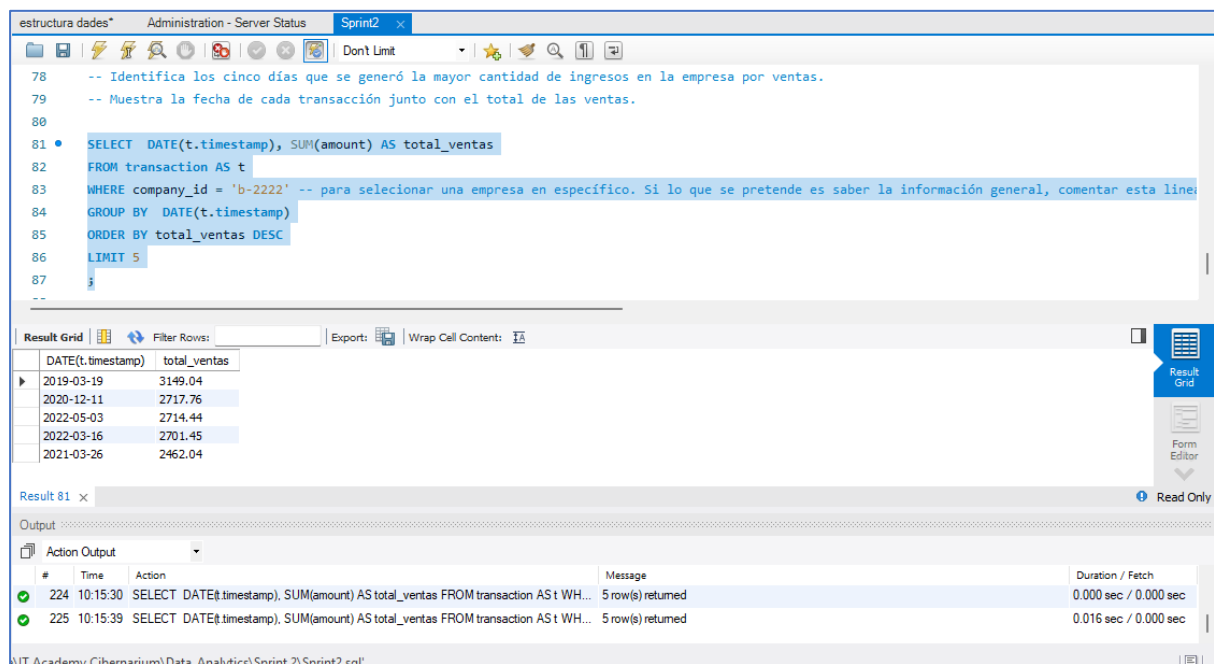
WHERE company_id = 'b-2222' -- para seleccionar una empresa en específico. Si lo que se pretende es saber la información general, comentar esta línea.

GROUP BY DATE(t.timestamp)

ORDER BY total_ventas DESC

LIMIT 5

;
```



The screenshot shows a SQL IDE interface with a query editor, a result grid, and an output pane. The query editor contains the following SQL code:

```
-- Identifica los cinco días que se generó la mayor cantidad de ingresos en la empresa por ventas.
-- Muestra la fecha de cada transacción junto con el total de las ventas.
80
81 • SELECT DATE(t.timestamp), SUM(amount) AS total_ventas
82 FROM transaction AS t
83 WHERE company_id = 'b-2222' -- para seleccionar una empresa en específico. Si lo que se pretende es saber la información general, comentar esta línea.
84 GROUP BY DATE(t.timestamp)
85 ORDER BY total_ventas DESC
86 LIMIT 5
87 ;
```

The result grid displays the following data:

DATE(t.timestamp)	total_ventas
2019-03-19	3149.04
2020-12-11	2717.76
2022-05-03	2714.44
2022-03-16	2701.45
2021-03-26	2462.04

The output pane shows the execution details for the query:

#	Time	Action	Message	Duration / Fetch
224	10:15:30	SELECT DATE(t.timestamp), SUM(amount) AS total_ventas FROM transaction AS t WH...	5 row(s) returned	0.000 sec / 0.000 sec
225	10:15:39	SELECT DATE(t.timestamp), SUM(amount) AS total_ventas FROM transaction AS t WH...	5 row(s) returned	0.016 sec / 0.000 sec

Nivel 2

Ejercicio 2

¿Cuál es la media de ventas por país? Presenta los resultados ordenados de mayor a menor medio.

```
SELECT c.country, ROUND(AVG(t.amount),2)

FROM transaction AS t
```

Author: Ana Cláudia da Costa

Data Analytics – SQL

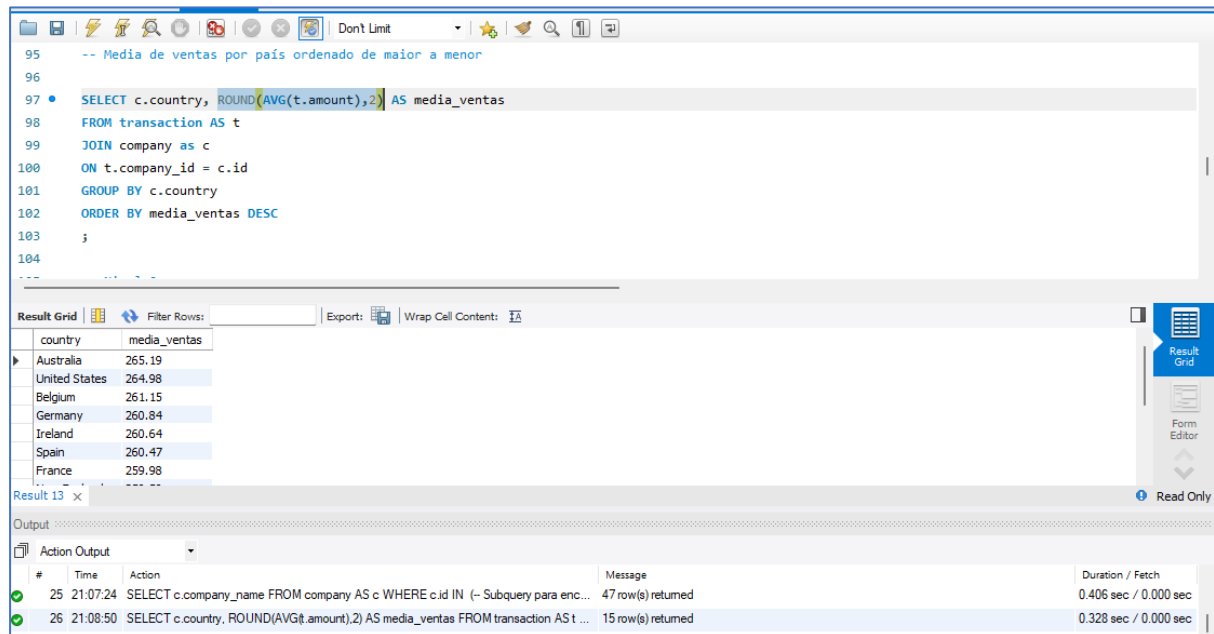
JOIN company as c

ON t.company_id = c.id

GROUP BY c.country

ORDER BY media_ventas DESC

;



The screenshot shows a SQL IDE window with a query editor and a results grid. The query is as follows:

```
-- Media de ventas por país ordenado de maior a menor
SELECT c.country, ROUND(AVG(t.amount),2) AS media_ventas
FROM transaction AS t
JOIN company as c
ON t.company_id = c.id
GROUP BY c.country
ORDER BY media_ventas DESC
;
```

The results grid displays the following data:

country	media_ventas
Australia	265.19
United States	264.98
Belgium	261.15
Germany	260.84
Ireland	260.64
Spain	260.47
France	259.98

The bottom of the screenshot shows the 'Output' pane with the following table:

#	Time	Action	Message	Duration / Fetch
25	21:07:24	SELECT c.company_name FROM company AS c WHERE c.id IN (~ Subquery para enc...	47 row(s) returned	0.406 sec / 0.000 sec
26	21:08:50	SELECT c.country, ROUND(AVG(t.amount),2) AS media_ventas FROM transaction AS t ...	15 row(s) returned	0.328 sec / 0.000 sec

Nivel 2

Ejercicio 3

En tu empresa, se plantea un nuevo proyecto para lanzar algunas campañas publicitarias para hacer competencia a la compañía “Non Institute”. Para ello, te piden la lista de todas las transacciones realizadas por empresas que están ubicadas en el mismo país que esta compañía.

- Muestra el listado aplicando JOIN y subconsultas.

SELECT *

FROM transaction as t

JOIN company as c

ON t.company_id = c.id

WHERE c.country =

(-- select para identificar el país de la compañía 'Non Institute'

Data Analytics – SQL

```
SELECT c.country
FROM company as c
WHERE company_name = 'Non institute'
)
AND c.id <>
```

(-- select para identificar el ID de la compañía 'Non Institute'

```
SELECT c.id
FROM company as c
WHERE company_name = 'Non institute'
)
;
```

The screenshot shows a SQL IDE window titled 'estructura datos*' with a tab 'Sprint2'. The query editor contains the following SQL code:

```
104 SELECT *
105 FROM transaction as t
106 JOIN company as c
107 ON t.company_id = c.id
108 WHERE c.country =
109 (
110   (-- select para identificar el pais de la compañía 'Non Institute'
111   SELECT c.country
112   FROM company as c
113   WHERE company_name = 'Non institute'
114   )
115 )
116 AND c.id <>
```

Below the query editor is the 'Result Grid' showing 96 rows of data. The columns are: id, credit_card_id, company_id, user_id, lat, longitude, timestamp, amount, declined, id, company_name, phone. The first four rows are visible:

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined	id	company_name	phone
008629B4-C9A9-406C-A3D2-71FDA478C546	CcS-7063	b-2246	2482	45.7666	4.83048	2015-07-30 12:12:42	486.44	0	b-2246	Sed Nunc Ltd	02 62 64 73 48
00B72BA4-54A3-4B8E-B13F-2D57535AA17A	CcS-8475	b-2246	3894	55.6212	-3.7546	2017-10-26 22:08:26	414.06	0	b-2246	Sed Nunc Ltd	02 62 64 73 48
01F075B1-D7AE-4D02-AAD9-5FFD72A43F3C	CcS-8700	b-2246	4119	55.856	-3.15783	2018-01-27 13:44:36	103.73	0	b-2246	Sed Nunc Ltd	02 62 64 73 48
023FFCE8-E618-4938-BF56-C8DF80540ADD	CcS-7816	b-2246	3235	46.3568	1.82755	2016-12-19 11:53:45	219.28	0	b-2246	Sed Nunc Ltd	02 62 64 73 48

Below the result grid is the 'Output' section showing the execution of the query. It displays the number of rows returned (12233) and the duration of the query (0.015 sec / 0.047 sec).

- Muestra el listado aplicando solo subconsultas.

```
SELECT *
FROM transaction
HAVING company_id IN
(
  -- select para identificar los IDs de las compañías del mismo pais que la compañía
  'Non Institute'
)
SELECT c.id
```

Data Analytics – SQL

FROM company as c

WHERE c.country =

(-- select para identificar el pais da la compañía 'Non Institute'

SELECT c.country

FROM company as c

WHERE company_name = 'Non Institute')

AND c.id <>

(-- select para identificar el id da la compañía 'Non Institute'

SELECT c.id

FROM company as c

WHERE company_name = 'Non Institute')

)

;

The screenshot shows a SQL IDE interface with a query editor and a results grid. The query is as follows:

```
123
124 • SELECT *
125 FROM transaction
126 HAVING company_id IN
127 (
128   -- select para identificar los IDs de las compañías del mismo pais que la compañía 'Non Institute'
129   SELECT c.id
130   FROM company as c
131   WHERE c.country =
132     (
133       -- select para identificar el pais da la compañía 'Non Institute'
134       SELECT c.country
135       FROM company as c
136       WHERE company_name = 'Non Institute'
137     )
138   AND c.id <>
139   (
140     -- select para identificar el id da la compañía 'Non Institute'
141     SELECT c.id
142     FROM company as c
143     WHERE company_name = 'Non Institute'
144   )
145 )
146 ;
```

The results grid shows the following data:

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
00130BE3-3898-4DC3-B705-CE6723CC1F71	CcU-3736	b-2310	161	55.2114	-3.40245	2024-04-25 16:42:21	425.10	0
001A60EA-DC9C-4E5A-9460-6628B100E7E1	CcS-6225	b-2326	1644	51.7125	19.0674	2018-05-20 02:06:39	354.02	0
001ESD06-A391-4735-88D8-748F16C061A6	CcS-7425	b-2310	2844	59.9165	18.5518	2021-09-10 02:39:32	418.20	0
0022377F-4447-4328-B01A-CFE5416E336C	CcS-8582	b-2522	4001	50.7865	10.6173	2019-10-24 06:52:23	171.13	0
00285171-6887-4E96-9787-BD580BE4515D	CcS-8358	b-2310	3777	55.7751	-3.8232	2022-09-21 21:18:51	192.60	0

The output pane shows the following messages:

```
251 11:21:36 SELECT * FROM transaction as t HAVING company_id IN ( -- select para identificar los l... 12233 row(s) returned
252 11:22:52 SELECT * FROM transaction HAVING company_id IN ( -- select para identificar los IDs d... 12233 row(s) returned
```

Nivel 3

Ejercicio 1

Presenta el nombre, teléfono, país, fecha y amount, de aquellas empresas que realizaron transacciones con un valor comprendido entre 350 y 400 euros y en alguna de estas fechas: 29 de abril de 2015, 20 de julio de 2018 y 13 de marzo de 2024. Ordena los resultados de mayor a menor cantidad.

```
SELECT * FROM  
  
(  
  
    SELECT c.company_name, c.phone, c.country, DATE(t.timestamp) as fecha,  
    t.amount  
  
    FROM transaction AS t  
  
    JOIN company AS c  
  
    ON t.company_id = c.id  
  
    HAVING t.amount BETWEEN 350.00 AND 400.00  
  
    ORDER BY amount DESC  
  
)consulta1  
  
HAVING consulta1.fecha = '2015-04-29' OR consulta1.fecha = '2018-07-20' OR  
consulta1.fecha = '2024-03-13'  
  
;
```

The screenshot shows a SQL IDE interface with a query editor and a results grid. The query is as follows:

```
SELECT * FROM  
(  
    SELECT c.company_name, c.phone, c.country, DATE(t.timestamp) as fecha, t.amount  
    FROM transaction AS t  
    JOIN company AS c  
    ON t.company_id = c.id  
    HAVING t.amount BETWEEN 350.00 AND 400.00  
    ORDER BY amount DESC  
)consulta1  
HAVING consulta1.fecha = '2015-04-29' OR consulta1.fecha = '2018-07-20' OR consulta1.fecha = '2024-03-13'
```

The results grid displays the following data:

company_name	phone	country	fecha	amount
Aliquam PC	01 45 73 52 16	Germany	2024-03-13	388.29
Ordi 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

The output section shows the execution of the query, indicating that 8 row(s) were returned and the duration was 0.328 sec / 0.000 sec.

Nivel 3

Ejercicio 2

Necesitamos optimizar la asignación de los recursos y dependerá de la capacidad operativa que se requiera, por lo que te piden la información sobre la cantidad de transacciones que realizan las empresas, pero el departamento de recursos humanos es exigente y quiere un listado de las empresas en las que especifiques si tienen más de 400 transacciones o menos.

```
SELECT listado.company_name, listado.media_ventas,  
CASE WHEN listado.media_ventas > 400 THEN 'Más de 400'  
ELSE 'Menos de 400'  
END AS Media_ventas  
FROM  
    (-- select para encontrar la media de las transacciones  
    SELECT c.company_name, COUNT(t.id) AS media_ventas  
    FROM company as c  
    JOIN transaction as t  
    ON c.id = t.company_id  
    GROUP BY c.company_name) as listado  
ORDER BY listado.media_ventas ASC  
;
```

Data Analytics – SQL

The screenshot shows a SQL IDE interface. The top pane contains a SQL query with line numbers 171 to 180. The query selects company names and media sales, categorized as 'Más de 400' or 'Menos de 400'. The bottom pane shows the 'Result Grid' with 7 rows of data. The 'Output' pane at the bottom shows two successful execution messages.

```
171 • SELECT listado.company_name, listado.media_ventas,  
172 CASE WHEN listado.media_ventas > 400 THEN 'Más de 400'  
173 ELSE 'Menos de 400'  
174 END AS Media_ventas  
175 FROM  
176 ( -- select para encontrar la media de las transacciones  
177 SELECT c.company_name, COUNT(t.id) AS media_ventas  
178 FROM company as c  
179 JOIN transaction as t  
180 ON c.id = t.company_id
```

company_name	media_ventas	Media_ventas
► Lorem Eu Incorporated	380	Menos de 400
► Fringilla LLC	397	Menos de 400
► Nec Luctus LLC	399	Menos de 400
► Dui Quis Institute	402	Más de 400
► Risus Associates	407	Más de 400
► Magna A Neque Industries	410	Más de 400
► Amet Luctus Vulputate Foundation	411	Más de 400

Result 16 x

Output

#	Time	Action	Message	Duration / Fetch
✓ 28	21:23:45	SELECT listado.company_name, listado.media_ventas, CASE WHEN listado.media_vent...	100 row(s) returned	0.109 sec / 0.000 sec
✓ 29	21:24:30	SELECT listado.company_name, listado.media_ventas, CASE WHEN listado.media_vent...	100 row(s) returned	0.094 sec / 0.000 sec

[SQL file](#)

Revisión:

Revisado por: Nuria Paredes