

## PROYECTO FINAL “OLIST: Brazilian E-commerce”

### 1. Fuente Base de Datos

La Base de Datos fue proporcionada por el profesor Andrés Ramírez.

### 2. Definición del problema

La directora del área de Mercadotecnia de OLIST está preocupada ante el aumento de reseñas negativas de los productos, indica que no desea perder ventas por esta situación, por el contrario, requiere estar informada para tomar medidas correctivas en bienestar de la empresa.

### 3. Definición Base de Datos

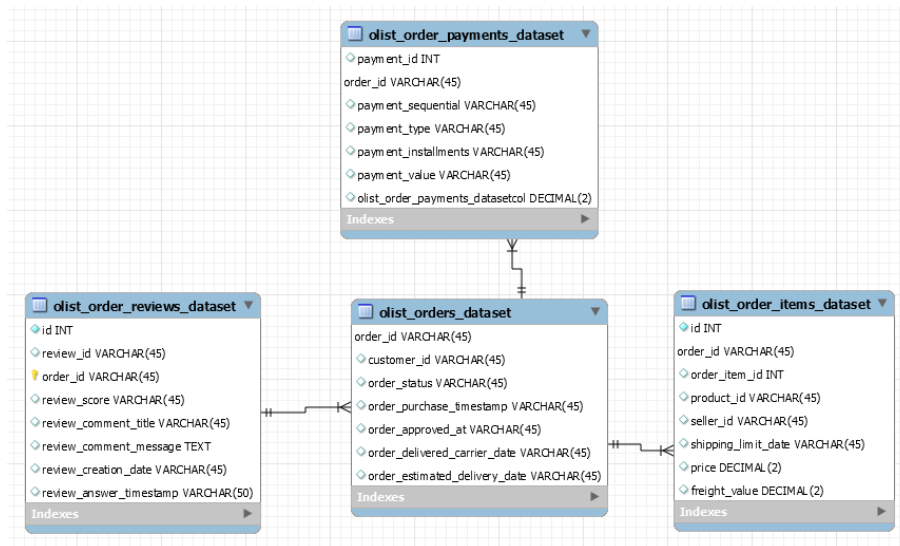
Los Datos provienen de cuatro tablas principales que son las siguientes:

**olist\_order\_reviews\_dataset:** El archivo contiene la información referente a las puntuaciones/reseñas que los clientes han dado a la empresa Olist.

**olist\_orders\_dataset:** El archivo contiene la información de las ordenes de pedido, las fechas en las que se ha enviado, aprobado, cargado y su posible fecha de entrega.

**olist\_order\_items\_dataset:** El archivo contiene la información del precio y valor del flete de los productos.

**olist\_order\_payments\_dataset:** El archivo contiene la información general del pago, forma de pago y valor.



### 4. Glosario

**review\_score:** puntuación/reseña de calificación que los clientes indican al adquirir sus productos.

**review\_comment\_title:** de la puntuación/reseña es el título del comentario de los clientes.

**review\_comment\_message:** de la puntuación/reseña es el mensaje completo que dejan los clientes.

**order\_id:** número de identificación de cada uno de los pedidos de los clientes.

**order\_status:** estado del pedido en el que se encuentra un producto.

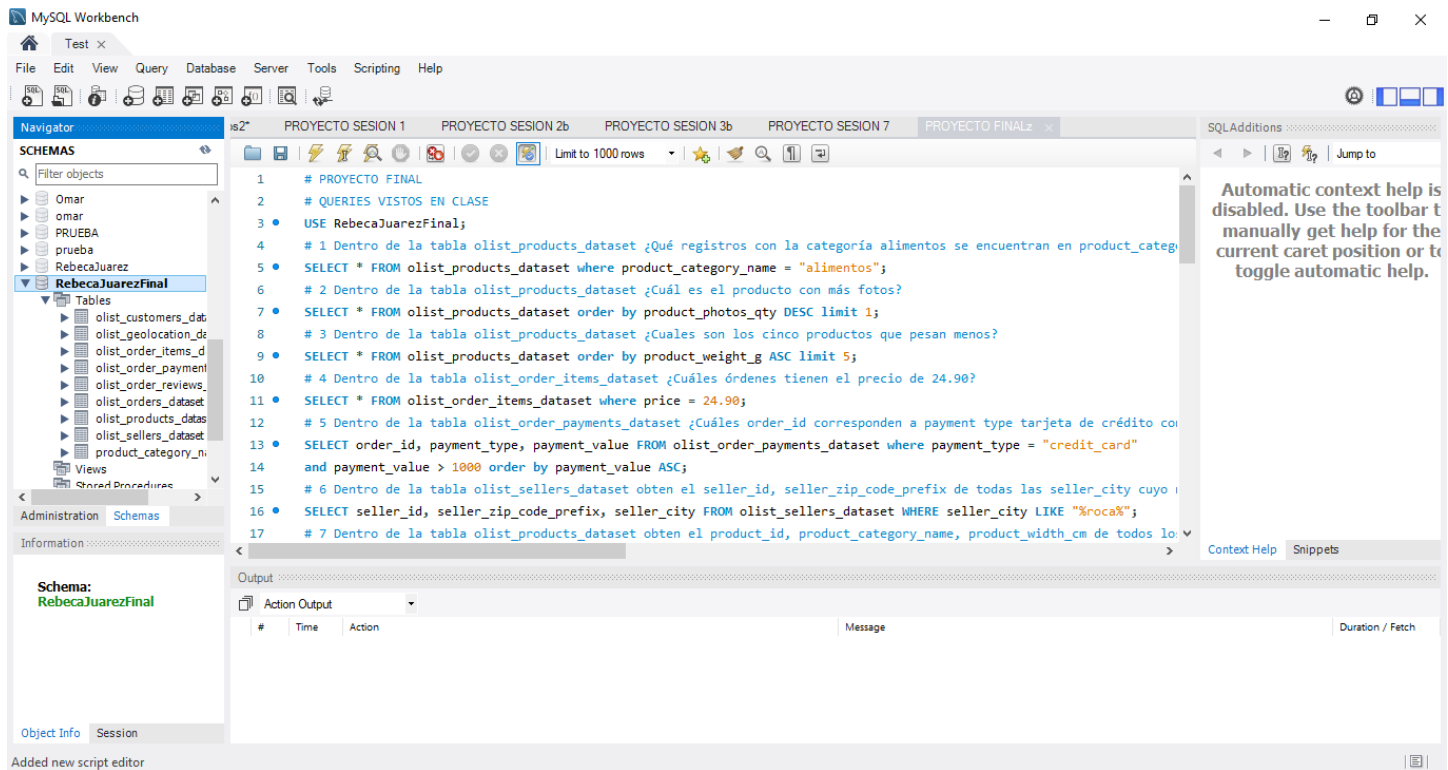
**price:** precio de cada orden de pedido.

**payment\_type:** formas de pago de los clientes.

**payment\_value:** valor del pago.

## 5. Creación Bases de Datos

Se realiza una depuración de tablas con 2,000 registros para que la carga en Workbench sea más rápida; limpiando los archivos de Excel con los datos que coinciden.



Se respetan las tablas que ya estaban listas para MySQL y se procede a subirlas; salvo la tabla olist\_orders\_dataset que cuenta con más documentos.

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal

Connect View Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

> COVID

> H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

> Starbucks

> \_MongoSH Beta

Collections

CREATE COLLECTION

Collection Name	Documents	Avg. Document Size	Total Document Size	Num. Indexes	Total Index Size	Properties
olist_geolocation_dataset	2,239	189.9 B	415.3 KB	1	36.0 KB	
olist_order_items_dataset	2,251	275.7 B	606.1 KB	1	36.0 KB	
olist_order_payments_dataset	2,057	186.7 B	375.0 KB	1	32.0 KB	
olist_order_reviews_dataset	2,011	326.0 B	640.3 KB	1	32.0 KB	
olist_orders_dataset	99,441	239.1 B	22.7 MB	1	908.0 KB	
olist_products_dataset	1,712	284.9 B	476.2 KB	1	4.0 KB	
olist_sellers_dataset	3,095	147.2 B	444.8 KB	1	44.0 KB	

## 6. Consultas

# QUERIES VISTOS EN CLASE

USE RebecaJuarezFinal;

# 1 Dentro de la tabla olist\_products\_dataset ¿Qué registros con la categoría alimentos se encuentran en product\_category\_name?

*SELECT \* FROM olist\_products\_dataset where product\_category\_name = "alimentos";*

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINALz x

SCHEMAS

Filter objects

- irvynsanchez
- LuisCastro
- LuisGuillermo
- MichelleCastillo
- newschema
- Omar
- omar
- PRUEBA
- prueba
- RebecaJuarez
- RebecaJuarezFinal
  - Tables
  - Views
  - Stored Procedures
  - Functions
- sys
- Tienda
- tienda

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

1 # PROYECTO FINAL

2 # QUERIES VISTOS EN CLASE

3 • USE RebecaJuarezFinal;

4 # 1 Dentro de la tabla olist\_products\_dataset ¿Qué registros con la categoría alimentos se encuentran en product\_catge

5 • SELECT \* FROM olist\_products\_dataset where product\_category\_name = "alimentos";

6 # 2 Dentro de la tabla olist\_products\_dataset ¿Cuál es el producto con más fotos?

7 • SELECT \* FROM olist\_products\_dataset order by product\_photos\_qty DESC limit 1;

8 # 3 Dentro de la tabla olist\_products\_dataset ¿Cuales son los cinco productos que pesan menos?

9 • SELECT \* FROM olist\_products\_dataset order by product\_weight\_g ASC limit 5;

Result Grid

product_id	product_category_name	product_name_lenght	product_description_lenght	product_photos_qty	product_weight_g
0c4a0f8ab44f9acd2d04e7024f9ba362	alimentos	49	740	1	388
861857117917aaa99611defcc0d514cd	alimentos	57	2585	7	4450
89321f94e35fc6d7903d36f74e351d40	alimentos	59	982	1	150
cd59f488cef311feb633141ad1e8563d	alimentos	40	911	1	450
d1dae3e210576b5698e7847df9c3e1a3	alimentos	43	975	1	1000

Read Only Context Help Snippets

Output

Action Output

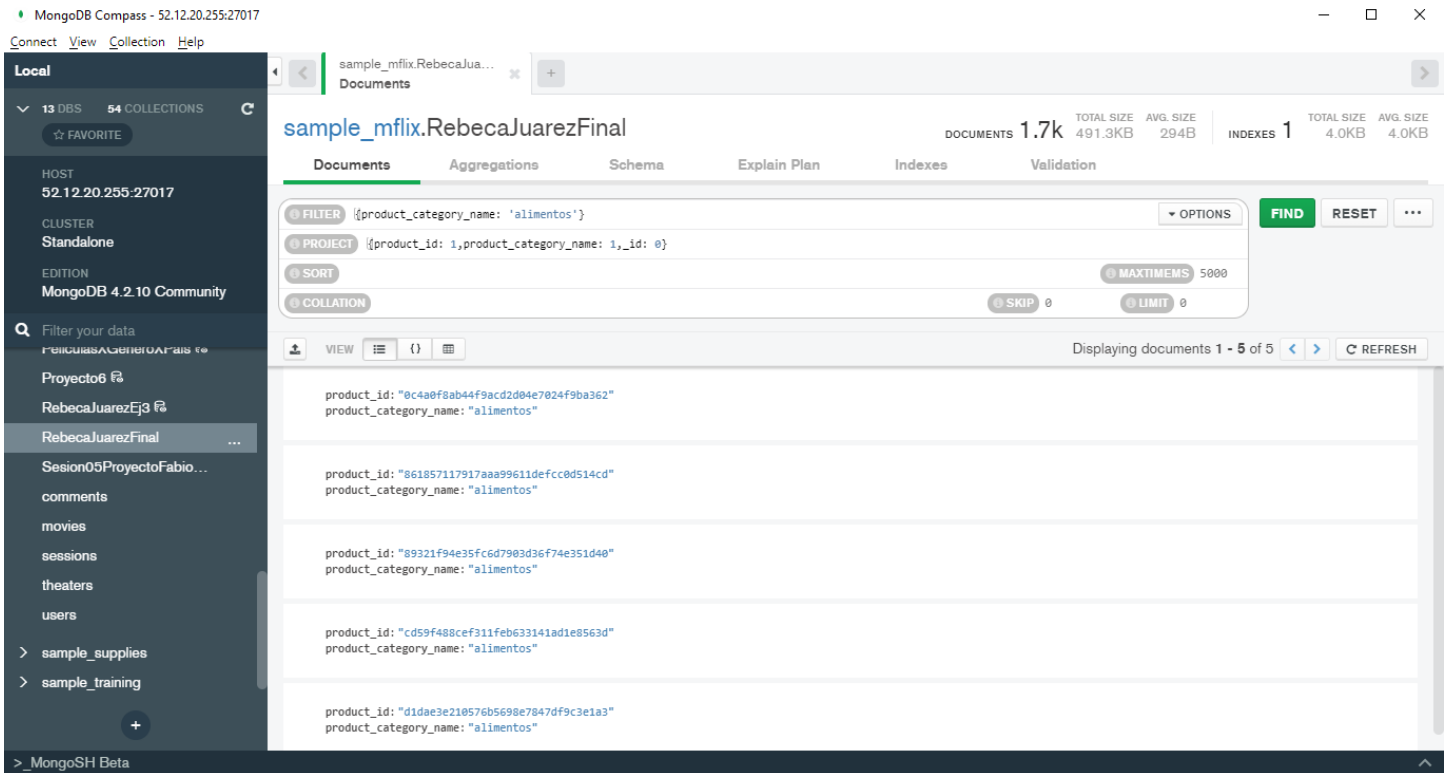
#	Time	Action	Message	Duration / Fetch
1	19:35:52	USE RebecaJuarezFinal	0 row(s) affected	0.078 sec
2	19:35:57	SELECT * FROM olist_products_dataset where product_category_name = "alimentos" LIMIT ...	5 row(s) returned	0.078 sec / 0.000 sec

## FILTER

```
{
  product_category_name: 'alimentos'
}
```

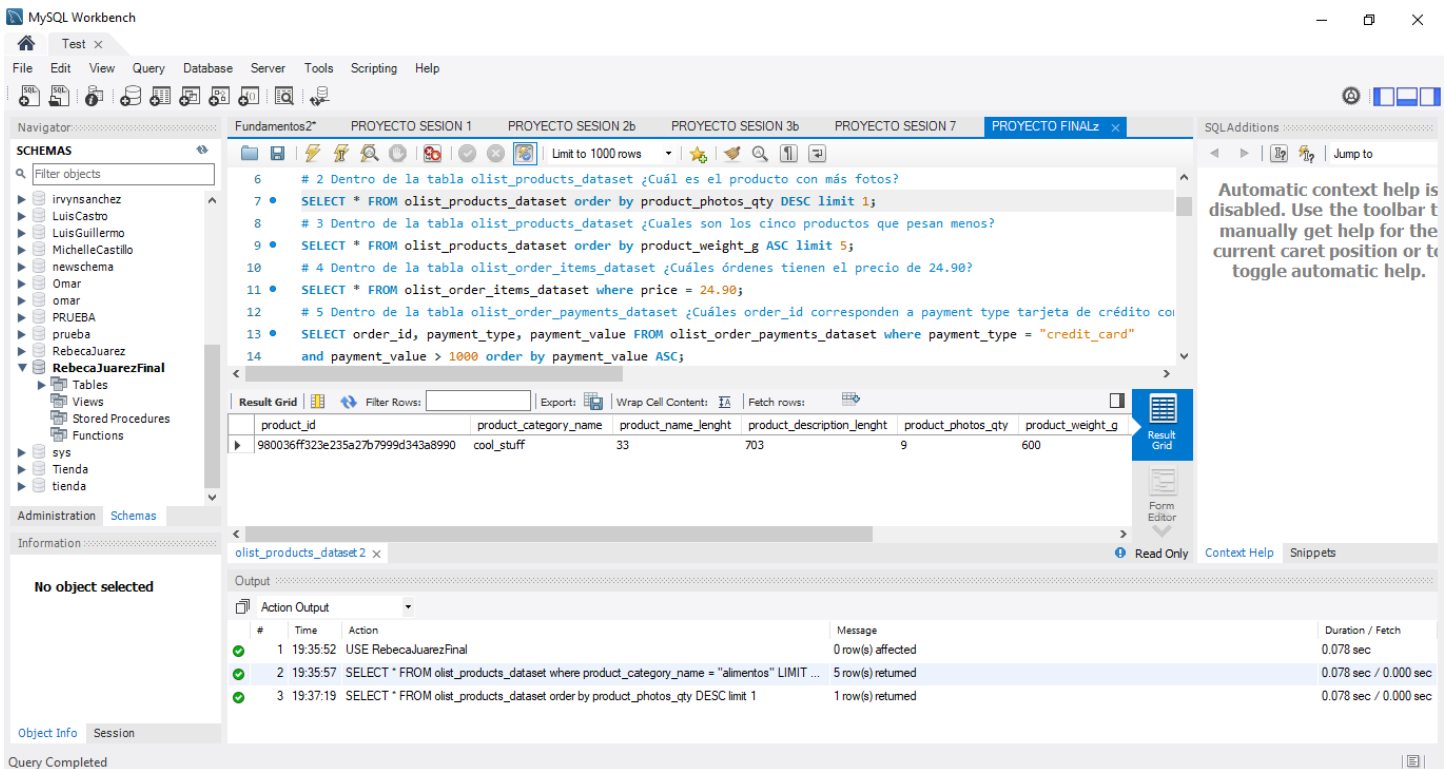
## PROJECT

```
{
  product_id: 1,
  product_category_name: 1,
  _id: 0
}
```



# 2 Dentro de la tabla `olist_products_dataset` ¿Cuál es el producto con más fotos?

`SELECT * FROM olist_products_dataset order by product_photos_qty DESC limit 1;`



PROJECT

```
{
  product_id: 1,
```

```
product_photos_qty: 1,  
_id: 0  
}
```

## SORT

```
{  
product_photos_qty: -1  
}
```

## LIMIT

1

MongoDB Compass - 52.12.20.255:27017/sample\_mflix.RebecaJuarezFinal

Connect View Collection Help

Local

13 DBS 54 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

FernandoHidalgoRe3  
LuisCastroEj3  
LuisGuillermoJiménezB...  
PelículasXGeneroXPais  
Proyecto6  
RebecaJuarezEj3  
RebecaJuarezFinal  
Sesion09ProyectoFabio...  
comments  
movies  
sessions  
theaters

sample\_mflix.RebecaJuarezFinal Documents

DOCUMENTS 1.7k TOTAL SIZE 491.3KB AVG. SIZE 294B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER PROJECT SORT COLLATION

{ product\_id: 1, product\_photos\_qty: 1, \_id: 0 }

{ product\_photos\_qty: -1 }

MAXTIMES 5000

SKIP 0 LIMIT 1

FIND RESET

VIEW

Displaying documents 1 - 1 of 1

REFRESH

product\_id: "35537536ed2b4c561b4018bf3abf54e0"  
product\_photos\_qty: "9"

> \_MongoSH Beta

# 3 Dentro de la tabla olist\_products\_dataset ¿Cuales son los cinco productos que pesan menos?

```
SELECT * FROM olist_products_dataset order by product_weight_g ASC limit 5;
```

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINALz x

Schemas

Filter objects

irvynsanchez  
LuisCastro  
LuisGuillermo  
MichelleCastillo  
newschema  
Omar  
omar  
PRUEBA  
prueba  
RebecaJuarez  
RebecaJuarezFinal  
Tables  
Views  
Stored Procedures  
Functions  
sys  
Tienda  
tienda

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

Limit to 1000 rows

8 # 3 Dentro de la tabla olist\_products\_dataset ¿Cuáles son los cinco productos que pesan menos?  
9 • SELECT \* FROM olist\_products\_dataset order by product\_weight\_g ASC limit 5;  
10 # 4 Dentro de la tabla olist\_order\_items\_dataset ¿Cuáles órdenes tienen el precio de 24.90?  
11 • SELECT \* FROM olist\_order\_items\_dataset where price = 24.90;  
12 # 5 Dentro de la tabla olist\_order\_payments\_dataset ¿Cuáles order\_id corresponden a payment type tarjeta de crédito con  
13 • SELECT order\_id, payment\_type, payment\_value FROM olist\_order\_payments\_dataset where payment\_type = "credit\_card"  
14 and payment\_value > 1000 order by payment\_value ASC;  
15 # 6 Dentro de la tabla olist\_sellers\_dataset obten el seller\_id, seller\_zip\_code\_prefix de todas las seller\_city cuyo  
16 • SELECT seller\_id, seller\_zip\_code\_prefix, seller\_city FROM olist\_sellers\_dataset WHERE seller\_city LIKE "%roca%";

Result Grid

product_id	product_category_name	product_name_lenght	product_description_lenght	product_photos_qty	product_weight_g
57fcacc3434a1f2f2b039c1b4e61f5e1	telefonía	39	365	13	50
e4985e03cd939f1a9f81c65e949f1688	beleza_saude	31	386	1	50
77d1b9fb8d3858f503316105e9ac6c51	telefonía	32	365	6	50
49c95423c53618d42621bd07c1d1bfb6	automotivo	53	60	4	50
8817f0cda3d5b42e5f949ee3be9dc80c	perfumaria	54	954	1	50

olist\_products\_dataset3 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:35:52	USE RebecaJuarezFinal	0 row(s) affected	0.078 sec
2	19:35:57	SELECT * FROM olist_products_dataset where product_category_name = "alimentos" LIMIT ...	5 row(s) returned	0.078 sec / 0.000 sec
3	19:37:19	SELECT * FROM olist_products_dataset order by product_photos_qty DESC limit 1	1 row(s) returned	0.078 sec / 0.000 sec
4	19:38:07	SELECT * FROM olist_products_dataset order by product_weight_g ASC limit 5	5 row(s) returned	0.078 sec / 0.000 sec

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

## PROJECT

```
{
product_id: 1,
product_weight_g: 1,
_id: 0
}
```

## SORT

```
{
product_weight_g: 1
}
```

## LIMIT

5

MongoDB Compass - 52.12.20.255:27017/sample\_mflix.RebecaJuarezFinal

Connect View Collection Help

Local

13 DBS 54 COLLECTIONS

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

FernandoHidalgoRe3

LuisCastroEj3

LuisGuillermoJimenezB...

PeliculasXGeneroXPais

Proyecto6

RebecaJuarezEj3

RebecaJuarezFinal

Sesion05ProyectoFabio...

comments

movies

sessions

theaters

> \_MongoSH Beta

sample\_mflix.RebecaJuarezFinal Documents

DOCUMENTS 1.7k TOTAL SIZE 491.3KB AVG. SIZE 294B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER

PROJECT { product\_id: 1, product\_weight\_g: 1, \_id: 0 }

SORT { product\_weight\_g: 1 }

COLLATION

MAXTIMES 5000

SKIP 0 LIMIT 5

Displaying documents 1 - 5 of 5

product\_id: "017692475c1c954ff597feda05131d73"

product\_weight\_g: 50

product\_id: "01c666c82f414c762ad21bffa56e8b49"

product\_weight\_g: 50

product\_id: "054b1ab366729788a3717961085aec01"

product\_weight\_g: 50

product\_id: "1613b019ab5dae53aead2dbb4ebdb378"

product\_weight\_g: 50

product\_id: "1c9b5793de6c3d9117b6218552c87a8f"

product\_weight\_g: 50

# 4 Dentro de la tabla olist\_order\_items\_dataset ¿Cuáles órdenes tienen el precio de 24.90?

*SELECT \* FROM olist\_order\_items\_dataset where price = 24.90;*

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

irvynsanchez

LuisCastro

LuisGuillermo

MichelleCastillo

newschema

Omar

omar

PRUEBA

prueba

RebecaJuarez

RebecaJuarezFinal

Tables

Views

Stored Procedures

Functions

sys

Tienda

tienda

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

Fundamentos2 PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINALx

Limit to 1000 rows

10 # 4 Dentro de la tabla olist\_order\_items\_dataset ¿Cuáles órdenes tienen el precio de 24.90?

11 • SELECT \* FROM olist\_order\_items\_dataset where price = 24.90;

12 # 5 Dentro de la tabla olist\_order\_payments\_dataset ¿Cuáles order\_id corresponden a payment type tarjeta de crédito co

13 • SELECT order\_id, payment\_type, payment\_value FROM olist\_order\_payments\_dataset where payment\_type = "credit\_card"

14 and payment\_value > 1000 order by payment\_value ASC;

15 # 6 Dentro de la tabla olist\_sellers\_dataset obten el seller\_id, seller\_zip\_code\_prefix de todas las seller\_city cuyo

16 • SELECT seller\_id, seller\_zip\_code\_prefix, seller\_city FROM olist\_sellers\_dataset WHERE seller\_city LIKE "%roca%";

17 # 7 Dentro de la tabla olist\_products\_dataset obten el product\_id, product\_category\_name, product\_width\_cm de todos lo

18 • SELECT product\_id, product\_category\_name, product\_width\_cm FROM olist\_products\_dataset where product\_category\_name lik

Result Grid

	order_item_id	product_id	seller_id	shipping_limit_date	price	freight_value
e34f241f8c4e	1	f4d705aa95ccca448e5b0deb6e5290ba	da8622b14eb17ae2831f4ac5b9dab84a	17/11/2017 20:35	24.9	9.09
e34f241f8c4e	2	372124d6931c4bc48dd0d56075ebee7c	da8622b14eb17ae2831f4ac5b9dab84a	17/11/2017 20:35	24.9	9.09
32b505f15c38	1	c92a761aacfb831d4220d44648f260a	f8db351d8c4c4c22c6835c19a46f01b0	27/08/2018 14:55	24.9	18.27
5f3306551105	1	b9d2933371226d828303d9235b89369c	f0b47fbbc6dee9aaf415a6e33051b3f	04/05/2018 19:31	24.9	18.23
5f3306551105	2	b9d2933371226d828303d9235b89369c	f0b47fbbc6dee9aaf415a6e33051b3f	04/05/2018 19:31	24.9	18.23

olist\_order\_items\_dataset 4 x

Output

#	Time	Action	Message	Duration / Fetch
2	19:35:57	SELECT * FROM olist_products_dataset where product_category_name = "alimentos" LIM...	5 row(s) returned	0.078 sec / 0.000 sec
3	19:37:19	SELECT * FROM olist_products_dataset order by product_photos_qty DESC limit 1	1 row(s) returned	0.078 sec / 0.000 sec
4	19:38:07	SELECT * FROM olist_products_dataset order by product_weight_g ASC limit 5	5 row(s) returned	0.078 sec / 0.000 sec
5	19:39:45	SELECT * FROM olist_order_items_dataset where price = 24.90 LIMIT 0, 1000	9 row(s) returned	0.078 sec / 0.000 sec

Action Output

Read Only Context Help Snippets

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

FILTER

```
{
price: RegExp('^24.9$')
```



```
}
```

## PROJECT

```
{  
  order_id: 1,  
  price: 1,  
  _id: 0  
}
```

The screenshot shows the MongoDB Compass interface. The left sidebar displays the database structure with 13 databases and 55 collections. The 'RebecaJuarezFinal' database is expanded, showing collections like 'olist\_geolocation\_dataset', 'olist\_order\_items\_dataset', 'olist\_order\_payments\_dataset', 'olist\_order\_reviews\_dataset', and 'olist\_orders\_dataset'. The 'olist\_order\_items\_dataset' collection is selected. The main panel shows the 'Documents' tab for this collection. The document list displays five documents, each with an 'order\_id' and a 'price' of '24.9'. The document keys are highlighted in blue. The top right of the interface shows statistics: 2.3k documents, 606.1KB total size, 276B avg size, and 1 index. The bottom status bar indicates 'Displaying documents 1 - 9 of 9'.

# 5 Dentro de la tabla olist\_order\_payments\_dataset ¿Cuáles order\_id corresponden a payment type tarjeta de crédito con valor de pago mayor que 1000?

*SELECT order\_id, payment\_type, payment\_value FROM olist\_order\_payments\_dataset where payment\_type = "credit\_card" and payment\_value > 1000 order by payment\_value ASC;*

The screenshot shows the MySQL Workbench interface. The main window displays a SQL query in the editor, which is a multi-part query. The query is as follows:

```

10 # 4 Dentro de la tabla olist_order_items_dataset ¿Cuáles órdenes tienen el precio de 24.90?
11 • SELECT * FROM olist_order_items_dataset where price = 24.90;
12 # 5 Dentro de la tabla olist_order_payments_dataset ¿Cuáles order_id corresponden a payment type tarjeta de crédito con
13 • SELECT order_id, payment_type, payment_value FROM olist_order_payments_dataset where payment_type = "credit_card"
14 and payment_value > 1000 order by payment_value ASC;
15 # 6 Dentro de la tabla olist_sellers_dataset obten el seller_id, seller_zip_code_prefix de todas las seller_city cuyo
16 • SELECT seller_id, seller_zip_code_prefix, seller_city FROM olist_sellers_dataset WHERE seller_city LIKE "%roca%";
17 # 7 Dentro de la tabla olist_products_dataset obten el product_id, product_category_name, product_width_cm de todos los
18 • SELECT product_id, product_category_name, product_width_cm FROM olist_products_dataset where product_category_name lik

```

The results of the query are displayed in the Result Grid. The table has three columns: order\_id, payment\_type, and payment\_value. The data is as follows:

order_id	payment_type	payment_value
0229b2e398fde454d32b5bb232973ad	credit_card	1017.63
03705afa0a4aabe1a734ddb11c1df3f0	credit_card	1023.9
00c9474e0334f7a4ffc8c3a8bd21a51e	credit_card	1075.74
0393dfaf21e966fdad698bd0856ecc3	credit_card	1172.45
03aba68b07658f28f29612641f08d4ba	credit_card	1202.64
033cec9a46b0dd28fc10c800f9f3d878	credit_card	1226.84

The bottom panel shows the Action Output, which displays the execution of the query and the number of rows returned for each statement.

#	Time	Action	Message	Duration / Fetch
3	19:37:19	SELECT * FROM olist_products_dataset order by product_photos_qty DESC limit 1	1 row(s) returned	0.078 sec / 0.000 sec
4	19:38:07	SELECT * FROM olist_products_dataset order by product_weight_g ASC limit 5	5 row(s) returned	0.078 sec / 0.000 sec
5	19:39:45	SELECT * FROM olist_order_items_dataset where price = 24.90 LIMIT 0, 1000	9 row(s) returned	0.078 sec / 0.000 sec
6	19:44:36	SELECT order_id, payment_type, payment_value FROM olist_order_payments_dataset wher...	13 row(s) returned	0.078 sec / 0.000 sec

# 6 Dentro de la tabla olist\_order\_payments\_dataset ¿Cuáles order\_id corresponden a payment type tarjeta de crédito y payment\_value mayor?

{{ \$project:

{

order\_id: 1, payment\_type: 1,

payment\_value: 1,

\_id: 0

}

}, { \$match:

{ "payment\_type": "/credit\_card/" }, { \$sort:

{ "payment\_value": - 1 }, { \$limit:

1}}

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

- COVID
- H1N1
- RebecaJuarezFinal
  - olist\_geolocation\_dataset
  - olist\_order\_items\_dataset
  - olist\_order\_payments\_d...
  - olist\_order\_reviews\_dat...
  - olist\_orders\_dataset
  - olist\_sellers\_dataset
- Starbucks
- admin

> \_MongoSH Beta

RebecaJuarezFinal.olist\_order\_payments\_dataset

DOCUMENTS 2.1k TOTAL SIZE 375.0KB AVG. SIZE 187B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 5 Proyecto Final SAVE

SELECT MODE AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

\$project

Output after \$project stage (Sample of 20 documents)

```
1 {
2   order_id: 1, payment_type: 1,
3   payment_value: 1,
4   _id: 0
5 }
6
7
```

Output after \$project stage (Sample of 20 documents)

```
{
  "_id": ObjectId("5fcd0746276fef2f88794b5a"),
  "payment_id": 85284,
  "order_id": "00010242fe8c5a6d1ba2dd792cb16214",
  "payment_sequential": 1,
  "payment_type": "credit_card",
  "payment_installments": 2,
  "payment_value": 72.19
}
```

```
{
  "_id": ObjectId("5fcd0746276fef2f88794b5b"),
  "payment_id": 2500,
  "order_id": "00018f77f2f0320c557190d7a144bdd3",
  "payment_sequential": 1,
  "payment_type": "credit_card",
  "payment_installments": 3,
  "payment_value": 259.83
}
```

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

- COVID
- H1N1
- RebecaJuarezFinal
  - olist\_geolocation\_dataset
  - olist\_order\_items\_dataset
  - olist\_order\_payments\_d...
  - olist\_order\_reviews\_dat...
  - olist\_orders\_dataset
  - olist\_sellers\_dataset
- Starbucks
- admin

> \_MongoSH Beta

RebecaJuarezFinal.olist\_order\_payments\_dataset

DOCUMENTS 2.1k TOTAL SIZE 375.0KB AVG. SIZE 187B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 5 Proyecto Final SAVE

SELECT MODE AUTO PREVIEW

\$match

Output after \$match stage (Sample of 20 documents)

```
1
2
3 { "payment_type" : /credit_card/ }
```

Output after \$match stage (Sample of 20 documents)

```
{
  "order_id": "00010242fe8c5a6d1ba2dd792cb16214",
  "payment_type": "credit_card",
  "payment_value": 72.19
}
```

```
{
  "order_id": "00018f77f2f0320c557190d7a144bdd3",
  "payment_type": "credit_card",
  "payment_value": 259.83
}
```

\$sort

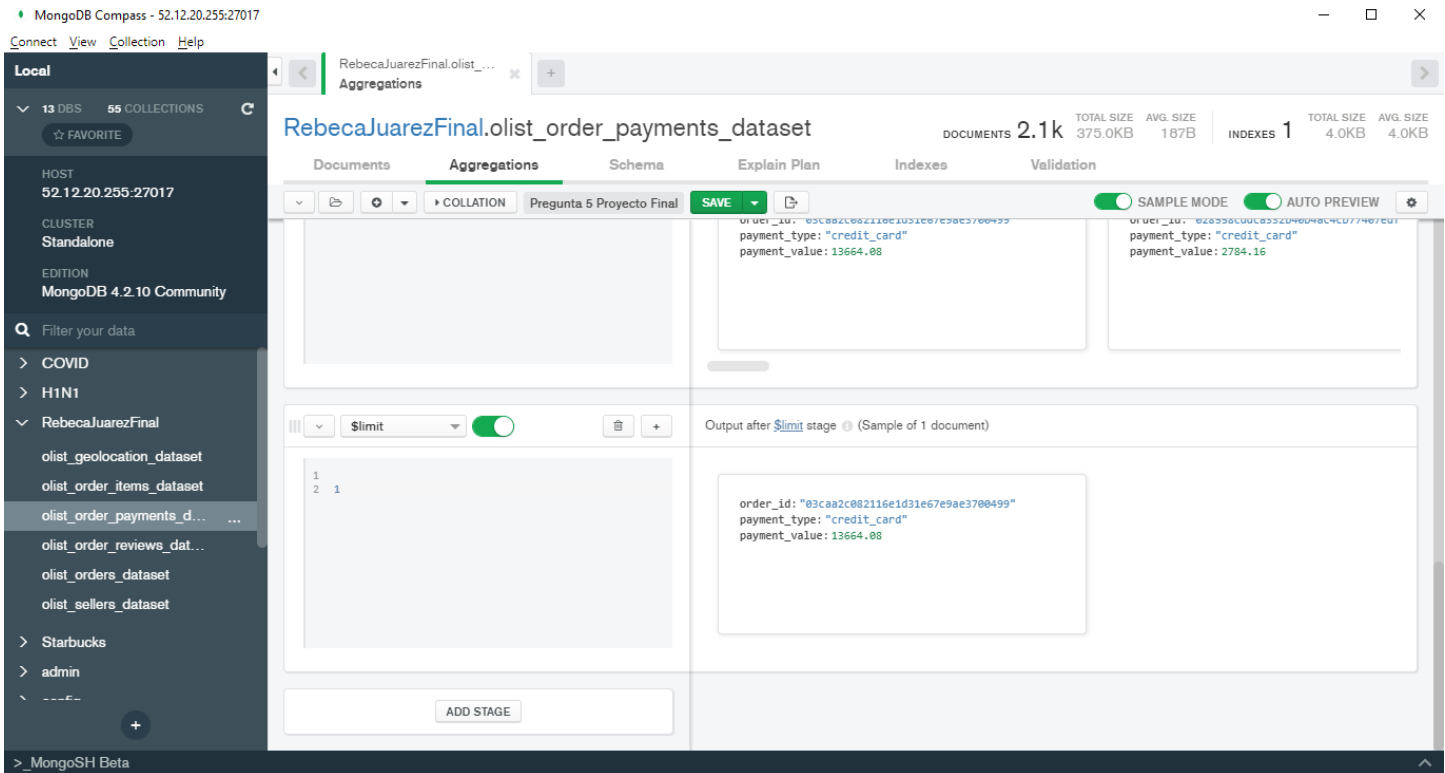
Output after \$sort stage (Sample of 20 documents)

```
1
2 { "payment_value": - 1 }
```

Output after \$sort stage (Sample of 20 documents)

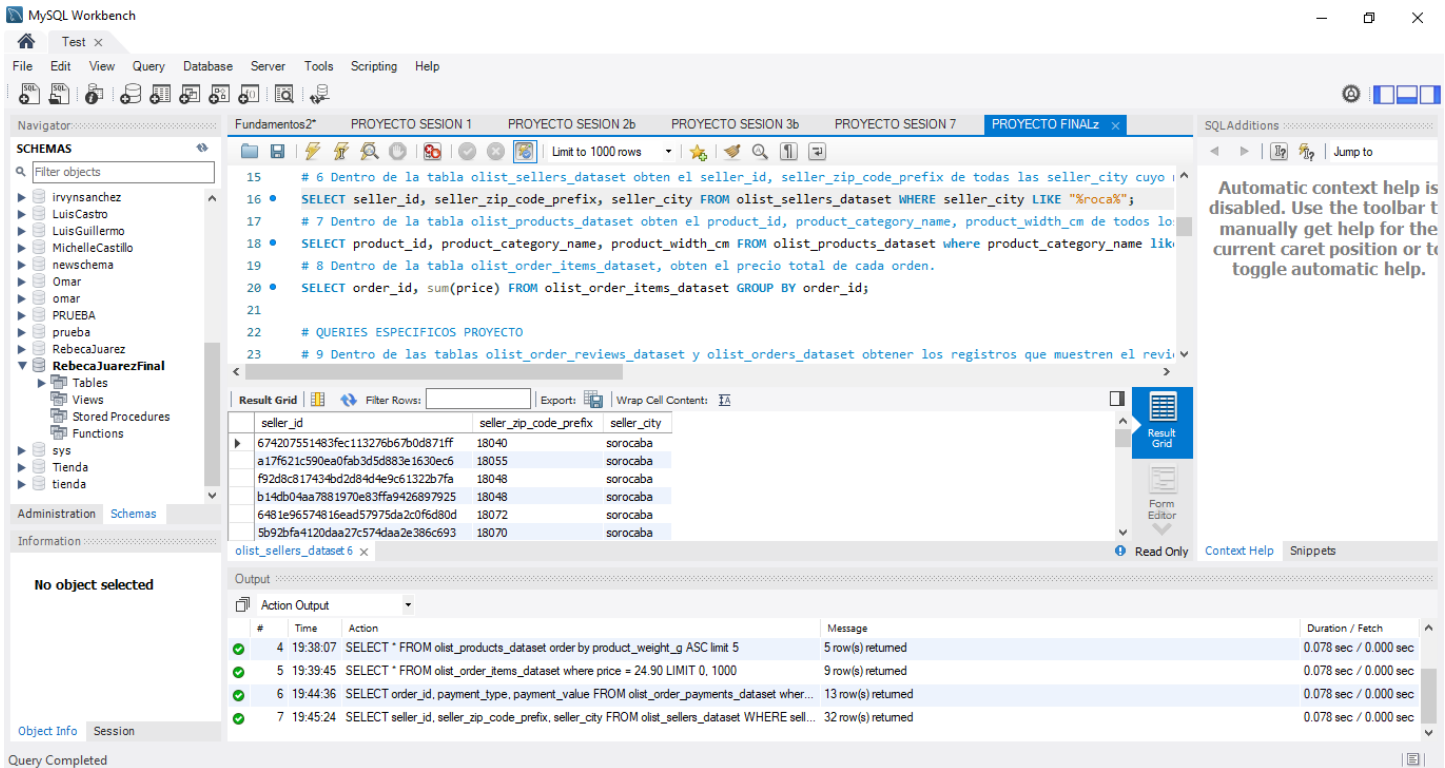
```
{
  "order_id": "03ca2c082116e1d31e67e9ae3700499",
  "payment_type": "credit_card",
  "payment_value": 13664.08
}
```

```
{
  "order_id": "028558cddca332b40b4ac4cb77407edf",
  "payment_type": "credit_card",
  "payment_value": 2784.16
}
```



# 7 Dentro de la tabla olist\_sellers\_dataset obten el seller\_id, seller\_zip\_code\_prefix de todas las seller\_city cuyo nombre incluye la cadena roca

*SELECT seller\_id, seller\_zip\_code\_prefix, seller\_city FROM olist\_sellers\_dataset WHERE seller\_city LIKE "%roca%";*



{{ \$project:

{ seller\_id: 1,

seller\_zip\_code\_prefix: 1,

seller\_city: 1,

\_id: 0 }}, {\$match:

{ seller\_city: /roca/ }}}

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_sellers\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

> COVID

> H1N1

✓ RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_sellers\_dataset ...

> Starbucks

> admin

> ...

> MongoSH Beta

RebecaJuarezFinal.olist\_sellers\_dataset

Aggregations

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 6 Proyecto Final SAVE SAMPLE MODE AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

Output after \$project stage (Sample of 20 documents)

```
1 { seller_id: 1,
2   seller_zip_code_prefix: 1,
3   seller_city: 1,
4   _id: 0 }
```

seller\_id: "3442f8959a84dea7ee197c632cb2df15"  
seller\_zip\_code\_prefix: 13823  
seller\_city: "campinas"  
seller\_state: "SP"

seller\_id: "d1b65fc7debc3361ea86b5f14c68d2e"  
seller\_zip\_code\_prefix: 13844  
seller\_city: "mogi guacu"  
seller\_state: "SP"

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_sellers\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

> COVID

> H1N1

✓ RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_sellers\_dataset ...

> Starbucks

> admin

> ...

> MongoSH Beta

RebecaJuarezFinal.olist\_sellers\_dataset

Aggregations

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 6 Proyecto Final SAVE SAMPLE MODE AUTO PREVIEW

Output after \$match stage (Sample of 20 documents)

```
1 { seller_city: /roca/ }
2 { seller_city: /roca/ }
```

seller\_id: "674287551483fec113276b67b0d871ff"  
seller\_zip\_code\_prefix: 18040  
seller\_city: "sorocaba"

seller\_id: "a17f621c590ea0fab3d5d883e1630ec"  
seller\_zip\_code\_prefix: 18055  
seller\_city: "sorocaba"

# 8 Dentro de la tabla olist\_products\_dataset obten el product\_id, product\_category\_name, product\_width\_cm de todos los product\_category\_name cuyo nombre inicia con e

```
SELECT product_id, product_category_name, product_width_cm FROM olist_products_dataset where product_category_name like "e%";
```

The screenshot shows the MySQL Workbench interface. The SQL editor contains a query to select product details from the olist\_products\_dataset table where the product category name starts with 'e'. The results are displayed in a table with columns: product\_id, product\_category\_name, and product\_width\_cm.

product_id	product_category_name	product_width_cm
00fefaf41156bb4b0d850fb27da97897	esporte_lazer	18
01cf56cd6138b926a4802d16fc304149	eletronicos	16
022ff42ccd44a2b2cca57061cabb526	esporte_lazer	33
054515fd15bc1a2029f10de97ffa9120	esporte_lazer	18
09fbb9fc5bffc1ce6dc2f66289dfcb05	esporte_lazer	25
0b0172eb0fd18479d29c3bc122c058c2	eletronicos	15

The bottom panel shows the output of the query, indicating that 193 rows were returned.

{{ \$project:

{ product\_id: 1,

product\_category\_name: 1,

product\_weight\_g: 1,

\_id: 0 }}, { \$match:

{

"product\_category\_name": /^e/

}}}

MongoDB Compass - 52.12.20.255:27017

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

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olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset ...

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_products\_dataset

DOCUMENTS 1.7k TOTAL SIZE 476.2KB AVG. SIZE 285B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 7 Proyecto Final SAVE

SELECT operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

Output after \$project stage (Sample of 20 documents)

```
1 {
2   product_id: 1,
3   product_category_name: 1,
4   product_weight_g: 1,
5   _id: 0 }

```

```
product_id: "0030e635639c898b323826589761cf23"
product_category_name: "ferramentas_jardim"
product_name_length: 40
product_description_length: 437
product_photos_qty: 1
product_weight_g: 1550
product_length_cm: 26
product_height_cm: 6

```

```
product_id: "00905d58c87afcbce21420b3712cac"
product_category_name: "cama_mesa_banho"
product_name_length: 59
product_description_length: 253
product_photos_qty: 1
product_weight_g: 3875
product_length_cm: 46
product_height_cm: 13

```

MongoDB Compass - 52.12.20.255:27017

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

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olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset ...

olist\_sellers\_dataset

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RebecaJuarezFinal.olist\_products\_dataset

DOCUMENTS 1.7k TOTAL SIZE 476.2KB AVG. SIZE 285B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 7 Proyecto Final SAVE

Output after \$match stage (Sample of 20 documents)

```
1 {
2   "product_category_name": /^e/
3 }

```

```
product_id: "00f6faf41156bb4b0d050fb27da97897"
product_category_name: "esporte_lazer"
product_weight_g: 100

```

```
product_id: "01cf56cd6138b926a4802d16fc3041"
product_category_name: "eletronicos"
product_weight_g: 100

```

ADD STAGE

# 9 Dentro de la table olist\_order\_items\_dataset, obtén por order\_id el precio total con flete

MongoDB Compass - 52.12.20.255:27017

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_order\_items\_dataset

DOCUMENTS 2.3k TOTAL SIZE 597.3KB AVG. SIZE 272B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 8 Proyecto Final SAVE

SELECT an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

1\_id: ObjectId("5fcd4f5b276fef2f88795a13") id: 1 order\_id: "00018242fec5a6d1ba2dd792cb16214" order\_item\_id: 1 product\_id: "4244733e06e7ecb4970a6e2683c13e61" seller\_id: "48436dade18ac8b2bce089ec2a041202" shipping\_limit\_date: "19/09/2017 09:45" price: 58.9 freight\_value: 13.29

1\_id: ObjectId("5fcd4f5b276fef2f88795a14") id: 2 order\_id: "00018f77f2f0320c557190d7a144bdd3" order\_item\_id: 1 product\_id: "e5fd52b802189ee658865ca93d83a" seller\_id: "dd7ddc04e1b6c2c614352b383efed2d3" shipping\_limit\_date: "03/05/2017 11:05" price: 239.9 freight\_value: 19.93

\$project

1 { order\_id: 1, price: 1, freight\_value: 1, \_id: 0 }

Output after \$project stage (Sample of 20 documents)

order\_id: "00018242fec5a6d1ba2dd792cb16214" price: 58.9 freight\_value: 13.29

order\_id: "00018f77f2f0320c557190d7a144bdd3" price: 239.9 freight\_value: 19.93

MongoDB Compass - 52.12.20.255:27017

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_order\_items\_dataset

DOCUMENTS 2.3k TOTAL SIZE 597.3KB AVG. SIZE 272B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 8 Proyecto Final SAVE

1 freight\_value: 1, \_id: 0 }

price: 58.9 freight\_value: 13.29

price: 239.9 freight\_value: 19.93

\$project

1 { order\_id: 1, total: { \$multiply: [ "\$price", "\$freight\_value" ] } }

Output after \$project stage (Sample of 20 documents)

order\_id: "00018242fec5a6d1ba2dd792cb16214" total: 782.781

order\_id: "00018f77f2f0320c557190d7a144bdd3" total: 4781.287

ADD STAGE

# 10 Dentro de la tabla olist\_order\_items\_dataset, obtén el precio total de cada orden

*SELECT order\_id, sum(price) FROM olist\_order\_items\_dataset GROUP BY order\_id;*



MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINAL2\*

Schemas: Filter objects

irvynsanchez LuisCastro LuisGuillermo MichelleCastillo newschema Omar omar PRUEBA prueba RebecaJuarezFinal

Tables Views Stored Procedures Functions sys Tienda tienda

Administration Schemas Information

No object selected

Object Info Session

Query Completed

Limit to 1000 rows

20 # 8 Dentro de la tabla olist\_order\_items\_dataset, obten el precio total de cada orden

21 • SELECT order\_id, sum(price) FROM olist\_order\_items\_dataset GROUP BY order\_id;

22

23 # QUERIES ESPECIFICOS PROYECTO

24 # 9 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener los registros que muestren el review

25 • SELECT \* FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

26 ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id

27 WHERE olist\_order\_reviews\_dataset.review\_score = 1;

28 # 10 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener order\_id, review\_score, review\_co

Result Grid

order_id	sum(price)
00010242fe8c5a6d1ba2dd792cb16214	58.9
00018f77f2f0320c557190d7a144bdd3	239.9
000229ec398224ef6ca0657da4fc703e	199
00024acbcd0a6daa1e931b038114c75	12.99
00042b26cf9d7ce69dfabb4e5b4fd9	199.9
00048cc3ae777c65d0bb7d2a0634bc1ea	21.9

Result 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	19:44:36	SELECT order_id, payment_type, payment_value FROM olist_order_payments_dataset where...	13 row(s) returned	0.078 sec / 0.000 sec
7	19:45:24	SELECT seller_id, seller_zip_code_prefix, seller_city FROM olist_sellers_dataset WHERE sell...	32 row(s) returned	0.078 sec / 0.000 sec
8	19:46:19	SELECT product_id, product_category_name, product_width_cm FROM olist_products_data...	193 row(s) returned	0.078 sec / 0.000 sec
9	19:47:13	SELECT order_id, sum(price) FROM olist_order_items_dataset GROUP BY order_id LIMIT 0,...	1000 row(s) returned	0.156 sec / 0.125 sec

Read Only Context Help Snippets

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

## # QUERIES ESPECIFICOS PROYECTO

### # 11 De la tabla de olist\_order\_reviews\_dataset obtener con MongoDB el número total de reseñas

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_order\_reviews\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

> COVID

> H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

> Starbucks

> \_MongoSH Beta

RebecaJuarezFinal.olist\_order\_reviews\_dataset

DOCUMENTS 2.0k TOTAL SIZE 640.3KB AVG. SIZE 326B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 9 Proyecto Final SAVE

SAMPLE MODE AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

\$project

Output after \$project stage (Sample of 20 documents)

1 { order\_id: 1,

2 review\_score: 1,

3 \_id: 0 }

order\_id: "00018242fe8c5a6d1ba2dd792cb16214"

review\_score: 5

order\_id: "00018f77f2f0320c557190d7a144bdd3"

review\_score: 4

\_id: ObjectId("5fcbcd21276fef2f8877b2f7")

id: "52373"

review\_id: "97ca439bc427b48bc1cd7177abe71365"

order\_id: "00018242fe8c5a6d1ba2dd792cb16214"

review\_score: 5

review\_comment\_title: ""

review\_comment\_message: "Perfeito, produto entregue ant"

review\_creation\_date: "21/09/2017 00:00"

review\_anwser\_timestamp: "22/09/2017 10:57"

\_id: ObjectId("5fcbcd21276fef2f8877b2f8")

id: "28026"

review\_id: "7b07bacd811c4117b742569b04ce350"

order\_id: "00018f77f2f0320c557190d7a144bdd3"

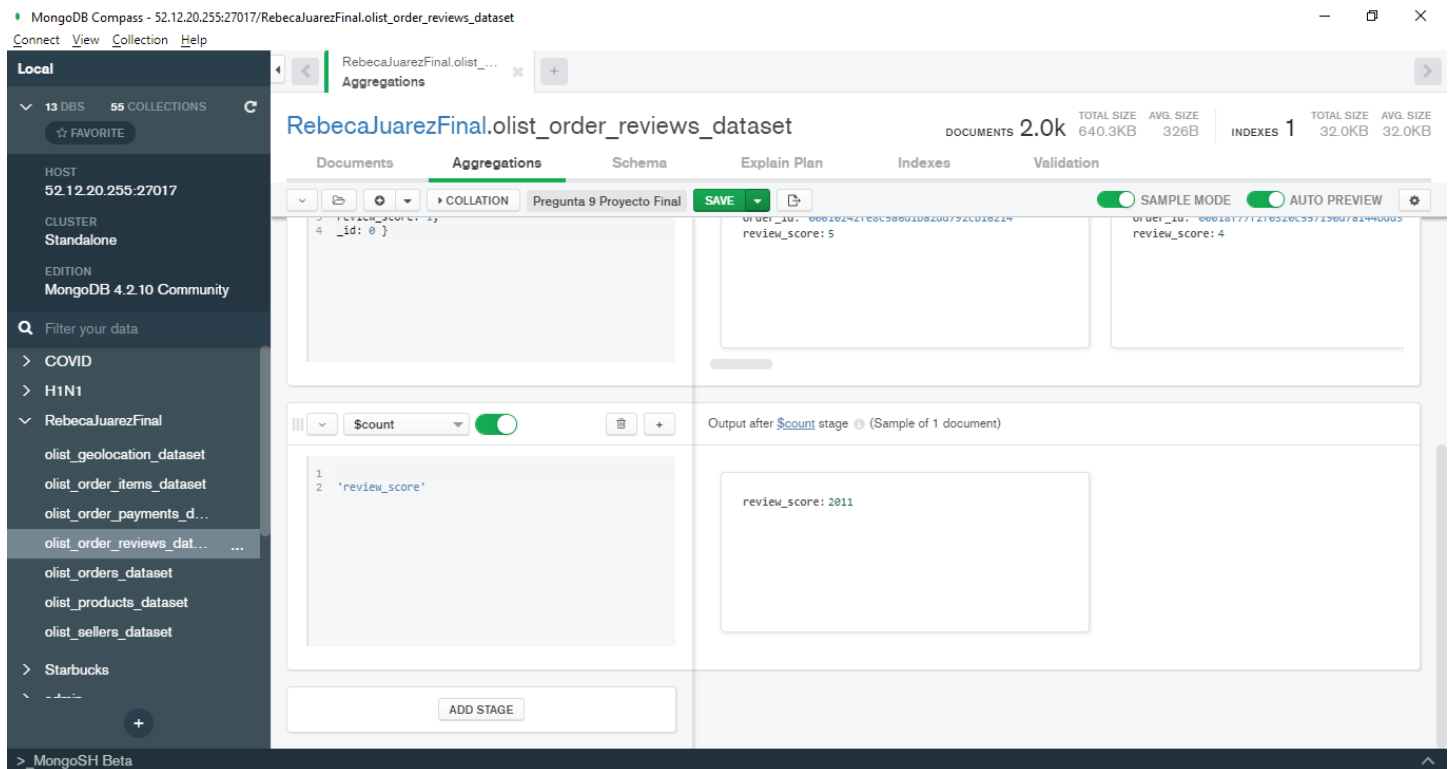
review\_score: 4

review\_comment\_title: ""

review\_comment\_message: ""

review\_creation\_date: "13/05/2017 00:00"

review\_anwser\_timestamp: "15/05/2017 11:26"



# 12 De la tabla de olist\_order\_reviews\_dataset obtener con MongoDB el número de review\_score por calificación

{{ \$project:

{ order\_id: 1,

review\_score: 1,

\_id: 0 }}, { \$group:

{

\_id: "\$review\_score",

review\_score: { \$sum: 1 }

}}}

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

- olist\_geolocation\_dataset
- olist\_order\_items\_dataset
- olist\_order\_payments\_d...
- olist\_order\_reviews\_dat...
- olist\_orders\_dataset
- olist\_products\_dataset
- olist\_sellers\_dataset

Starbucks

> \_MongoSH Beta

RebecaJuarezFinal.olist\_order\_reviews\_dataset

DOCUMENTS 2.0k TOTAL SIZE 640.3KB AVG. SIZE 326B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 10 Proyecto Final SAVE SAMPLE MODE AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

1. \$project

Output after \$project stage (Sample of 20 documents)

```
1 { order_id: 1, review_score: 1, _id: 0 }
```

1. \$group

Output after \$group stage (Sample of 5 documents)

```
1 { _id: 4, review_score: 384 }
```

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

- olist\_geolocation\_dataset
- olist\_order\_items\_dataset
- olist\_order\_payments\_d...
- olist\_order\_reviews\_dat...
- olist\_orders\_dataset
- olist\_products\_dataset
- olist\_sellers\_dataset

Starbucks

> \_MongoSH Beta

RebecaJuarezFinal.olist\_order\_reviews\_dataset

DOCUMENTS 2.0k TOTAL SIZE 640.3KB AVG. SIZE 326B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 10 Proyecto Final- Modified SAVE SAMPLE MODE AUTO PREVIEW

1. \$project

Output after \$project stage (Sample of 20 documents)

```
1 { order_id: 1, review_score: 1, _id: 0 }
```

1. \$group

Output after \$group stage (Sample of 5 documents)

```
1 { _id: 4, review_score: 384 }
```

ADD STAGE

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_order\_reviews\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

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MongoSH Beta

RebecaJuarezFinal.olist\_order\_reviews\_dataset

DOCUMENTS 2.0k TOTAL SIZE 640.3KB AVG. SIZE 326B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 10 Proyecto Final- Modified SAVE

SAMPLE MODE AUTO PREVIEW

Output after \$group stage (Sample of 5 documents)

```

1
2 {
3   _id: "$review_score",
4   review_score: { $sum: 1 }
5 }

```

ADD STAGE

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_order\_reviews\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST 52.12.20.255:27017

CLUSTER Standalone

EDITION MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_order\_reviews\_dataset

DOCUMENTS 2.0k TOTAL SIZE 640.3KB AVG. SIZE 326B INDEXES 1 TOTAL SIZE 32.0KB AVG. SIZE 32.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 10 Proyecto Final- Modified SAVE

SAMPLE MODE AUTO PREVIEW

Output after \$group stage (Sample of 5 documents)

```

1
2 {
3   _id: "$review_score",
4   review_score: { $sum: 1 }
5 }

```

ADD STAGE

# 13 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener los registros que muestren el review\_score más bajo con su respectivo order\_status

*SELECT \* FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset*

*ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id*

*WHERE olist\_order\_reviews\_dataset.review\_score = 1;*

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with a list of databases including 'RebecaJuarezFinal'. The main editor window contains a SQL query (lines 23-31) that joins 'olist\_order\_reviews\_dataset' and 'olist\_orders\_dataset' to retrieve specific data. Below the query, the 'Result Grid' shows the output of the query, which includes columns for review creation date, review answer timestamp, order ID, customer ID, and order status. The bottom panel shows the 'Output' tab with a list of actions and their durations.

**SQL Query:**

```

23 # QUERIES ESPECIFICOS PROYECTO
24 # 9 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener los registros que muestren el revi
25 • SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset
26 ON olist_order_reviews_dataset.order_id = olist_orders_dataset.order_id
27 WHERE olist_order_reviews_dataset.review_score = 1;
28 # 10 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener order_id, review_score, review_co
29 • SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score,
30 olist_order_reviews_dataset.review_comment_title, olist_order_reviews_dataset.review_comment_message,
31 olist_orders_dataset.order_status FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset

```

**Result Grid:**

review_creation_date	review_answer_timestamp	order_id	customer_id	order_status
30/03/2018 00:00	02/04/2018 00:52	0005a1a1728c9d785b8e2b08b904576c	16150771df4776261284213b89c304e	delivered
19/05/2018 00:00	22/05/2018 10:52	000aed2e25dbad2f9ddb70584c5a2ded	ffff169e583fd07fac9fec88962f189d	delivered
08/11/2017 00:00	08/11/2017 10:51	0010dedd556712d7bb69a19cb7bbd37a	3a92efdb6e6163dc1734d44f2f5f6d04	unavailable
28/10/2017 00:00	28/10/2017 23:20	00143d0f86d6fbd9f9b38ab440ac16f5	2e45292979b9b2700ea09560eeb0f803	delivered
24/01/2018 00:00	24/01/2018 23:36	00169e31ef4b29deaae414f9a5e95929	efb3830adb68fb8a89c948774388ec28	delivered

**Output:**

#	Time	Action	Message	Duration / Fetch
7	19:45:24	SELECT seller_id, seller_zip_code_prefix, seller_city FROM olist_sellers_dataset WHERE sell...	32 row(s) returned	0.078 sec / 0.000 sec
8	19:46:19	SELECT product_id, product_category_name, product_width_cm FROM olist_products_data...	193 row(s) returned	0.078 sec / 0.000 sec
9	19:47:13	SELECT order_id, sum(price) FROM olist_order_items_dataset GROUP BY order_id LIMIT 0...	1000 row(s) returned	0.156 sec / 0.125 sec
10	19:49:06	SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset ON olist_ord...	226 row(s) returned	0.157 sec / 0.234 sec

# 14 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener order\_id, review\_score, review\_comment\_title, review\_comment\_message con su respectivo order\_status

SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,

olist\_order\_reviews\_dataset.review\_comment\_title, olist\_order\_reviews\_dataset.review\_comment\_message,

olist\_orders\_dataset.order\_status FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id

WHERE olist\_order\_reviews\_dataset.review\_score = 1;

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINALZ\*

Schemas: Filter objects

- irvynsanchez
- LuisCastro
- LuisGuillermo
- MichelleCastillo
- newschema
- Omar
- omar
- PRUEBA
- prueba
- RebecaJuarez
- RebecaJuarezFinal
- Tables
- Views
- Stored Procedures
- Functions
- sys
- Tienda
- tienda

Administration Schemas

Information

No object selected

Query Editor

```

28 # 10 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener order_id, review_score, review_co
29 • SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score,
30 olist_order_reviews_dataset.review_comment_title, olist_order_reviews_dataset.review_comment_message,
31 olist_orders_dataset.order_status FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset
32 ON olist_order_reviews_dataset.order_id = olist_orders_dataset.order_id
33 WHERE olist_order_reviews_dataset.review_score = 1;
34 # 11 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener el número total de reseñas perten
35 • SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status
36 FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset

```

Result Grid

order_id	review_score	review_comment_title	review_comment_message	order_status
0005a1a1728c9d785b8e2b08b904576c	1		Na descrição do produto quando fui efetuar ...	delivered
000aed2e25dbad2f9ddb70584c5a2ded	1	produto não entregue	Mudo minha opinião assim que receber o produ...	delivered
0010dedd556712d7bb69a19cb7bbd37a	1		nao recebi o produto	unavailable
00143d0f86d6fbd9f9b38ab440ac16f5	1		COMPREI O PRODUTO: MACA PERUANA com VI...	delivered
00169e31ef4b29deaae414f9a5e95929	1		Entrega muito demorada. Ainda não recebi o p...	delivered
0017afd5076e074a48f1fa4c7bac9c5	1			delivered

Result 10 x

Output

#	Time	Action	Message	Duration / Fetch
8	19:46:19	SELECT product_id, product_category_name, product_width_cm FROM olist_products_data...	193 row(s) returned	0.078 sec / 0.000 sec
9	19:47:13	SELECT order_id, sum(price) FROM olist_order_items_dataset GROUP BY order_id LIMIT 0,...	1000 row(s) returned	0.156 sec / 0.125 sec
10	19:49:06	SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset ON olist_ord...	226 row(s) returned	0.157 sec / 0.234 sec
11	19:49:55	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	226 row(s) returned	0.156 sec / 0.110 sec

Query Completed

# 15 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener el número total de reseñas pertenecen a cada uno de los order\_status

*SELECT count(olist\_order\_reviews\_dataset.review\_id), olist\_orders\_dataset.order\_status*

*FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset*

*ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id*

*WHERE olist\_order\_reviews\_dataset.review\_score = 1*

*GROUP BY olist\_orders\_dataset.order\_status;*

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows a Schemas tree with a search filter and a list of schemas including 'RebecaJuarezFinal'. The main editor displays a SQL query with line numbers 34 to 41. The query is as follows:

```

34 # 11 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener el número total de reseñas perten
35 • SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status
36 FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset
37 ON olist_order_reviews_dataset.order_id = olist_orders_dataset.order_id
38 WHERE olist_order_reviews_dataset.review_score = 1
39 GROUP BY olist_orders_dataset.order_status;
40 # 12 Dentro de las tablas olist_order_reviews_dataset y olist_orders_dataset obtener el detalle de comentarios del ord
41 • SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score,

```

Below the query, the 'Result Grid' shows the following data:

count(olist_order_reviews_dataset.review_id)	order_status
193	delivered
8	unavailable
11	canceled
9	shipped
4	invoiced
1	processing

The bottom panel shows the 'Output' tab with a table of query execution results:

#	Time	Action	Message	Duration / Fetch
9	19:47:13	SELECT order_id, sum(price) FROM olist_order_items_dataset GROUP BY order_id LIMIT 0...	1000 row(s) returned	0.156 sec / 0.125 sec
10	19:49:06	SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset ON olist_order...	226 row(s) returned	0.157 sec / 0.234 sec
11	19:49:55	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	226 row(s) returned	0.156 sec / 0.110 sec
12	19:50:26	SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status FR...	6 row(s) returned	0.078 sec / 0.000 sec

# 16 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener el detalle de comentarios del order\_status delivered para entregar detalle a la Directora

```

SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score,
olist_order_reviews_dataset.review_comment_title, olist_order_reviews_dataset.review_comment_message,
olist_orders_dataset.order_status FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset
ON olist_order_reviews_dataset.order_id = olist_orders_dataset.order_id
WHERE olist_order_reviews_dataset.review_score = 1 and order_status = "delivered";

```

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINAL2\*

Schemas: Filter objects

- irvynsanchez
- LuisCastro
- LuisGuillermo
- MichelleCastillo
- newschema
- Omar
- omar
- PRUEBA
- prueba
- RebecaJuarez
- RebecaJuarezFinal
  - Tables
  - Views
  - Stored Procedures
  - Functions
- sys
- Tienda
- tienda

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

40 # 12 Dentro de las tablas olist\_order\_reviews\_dataset y olist\_orders\_dataset obtener el detalle de comentarios del ord...

41 • SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,

42 olist\_order\_reviews\_dataset.review\_comment\_title, olist\_order\_reviews\_dataset.review\_comment\_message,

43 olist\_orders\_dataset.order\_status FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

44 ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id

45 WHERE olist\_order\_reviews\_dataset.review\_score = 1 and order\_status = "delivered";

46 # 13 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_items\_dataset obtener el ord...

Result Grid

order_id	review_score	review_comment_title	review_comment_message	order_status
0005a1a1728c9d785b8e2b08b904576c	1		Na descrição do produto quando fui efetuar ...	delivered
000aed2e25dbad2f9db70584c5a2ded	1	produto não entregue	Mudo minha opinião assim que receber o produ...	delivered
00143d0f86d6fbd9f9b38ab440ac16f5	1		COMPREI O PRODUTO: MACA PERUANA com VI...	delivered
00169e31ef4b29deaae414f9a5e95929	1		Entrega muito demorada. Ainda não recebi o produto	delivered
0017af5076e074a48f1a4c7bac9c5	1		Entrega muito demorada. Ainda não recebi o produto	delivered
001d8f0e34a38c37f7dba2a37d4eba8b	1		Entrega prometida 24/05/17. Dia 26/05/17 não...	delivered
001a7cf2ad6f3a1e17a4c56aaf1f3	1	Pessima	O produto chegou e estranhei o tamanho	delivered

Result 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	19:47:13	SELECT order_id, sum(price) FROM olist_order_items_dataset GROUP BY order_id LIMIT 0,...	1000 row(s) returned	0.156 sec / 0.125 sec
10	19:49:06	SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset ON olist_ord...	226 row(s) returned	0.157 sec / 0.234 sec
11	19:49:55	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	226 row(s) returned	0.156 sec / 0.110 sec
12	19:50:26	SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status FR...	6 row(s) returned	0.078 sec / 0.000 sec
13	19:51:46	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	193 row(s) returned	0.141 sec / 0.000 sec

Read Only Context Help Snippets

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

# 17 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_items\_dataset obtener el order\_id, review\_score y price del review\_score más bajo

SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,

olist\_order\_items\_dataset.price, olist\_orders\_dataset.order\_status

FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id LEFT JOIN olist\_order\_items\_dataset

ON olist\_orders\_dataset.order\_id = olist\_order\_items\_dataset.order\_id

WHERE olist\_order\_reviews\_dataset.review\_score = 1;



MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINAL2\*

SCHEMAS

Filter objects

irvynsanchez  
LuisCastro  
LuisGuillermo  
MichelleCastillo  
newschema  
omar  
PRUEBA  
prueba  
RebecaJuarez  
RebecaJuarezFinal

Tables  
Views  
Stored Procedures  
Functions

sys  
Tienda  
Tienda

Administration Schemas

Information

No object selected

Object Info Session

Limit to 1000 rows

46 # 13 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_items\_dataset obtener el ord  
47 SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,  
48 olist\_order\_items\_dataset.price, olist\_orders\_dataset.order\_status  
49 FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset  
50 ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id LEFT JOIN olist\_order\_items\_dataset  
51 ON olist\_orders\_dataset.order\_id = olist\_order\_items\_dataset.order\_id  
52 WHERE olist\_order\_reviews\_dataset.review\_score = 1;  
53 # 14 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_payments\_dataset obtener del

Result Grid

order_id	review_score	price	order_status
0005a1a1728c9d785b0e2b08b904576c	1	145.95	delivered
000aed2e25dbad2f9ddb70584c5a2ded	1	144	delivered
00143d0f86d6fbd9f9b38ab440ac16f5	1	21.33	delivered
00143d0f86d6fbd9f9b38ab440ac16f5	1	21.33	delivered
00143d0f86d6fbd9f9b38ab440ac16f5	1	21.33	delivered
00169e31ef4b29deaae414f9a5e95929	1	39	delivered

Result 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	19:49:06	SELECT * FROM olist_order_reviews_dataset LEFT JOIN olist_orders_dataset ON olist_order...	226 row(s) returned	0.157 sec / 0.234 sec
11	19:49:55	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	226 row(s) returned	0.156 sec / 0.110 sec
12	19:50:26	SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status FR...	6 row(s) returned	0.078 sec / 0.000 sec
13	19:51:46	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	193 row(s) returned	0.141 sec / 0.000 sec
14	19:54:44	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	289 row(s) returned	0.156 sec / 0.000 sec

Query Completed

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

# 18 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_payments\_dataset obtener del order\_status el tipo de pago y el valor del pago por order\_id

SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,

olist\_orders\_dataset.order\_status, olist\_order\_payments\_dataset.payment\_type,

olist\_order\_payments\_dataset.payment\_value

FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id LEFT JOIN olist\_order\_payments\_dataset

ON olist\_orders\_dataset.order\_id = olist\_order\_payments\_dataset.order\_id

WHERE olist\_order\_reviews\_dataset.review\_score = 1;

MySQL Workbench

Test x

File Edit View Query Database Server Tools Scripting Help

Navigator: Fundamentos2\* PROYECTO SESION 1 PROYECTO SESION 2b PROYECTO SESION 3b PROYECTO SESION 7 PROYECTO FINAL2\*

SCHEMAS

Filter objects

irvynsanchez  
LuisCastro  
LuisGuillermo  
MichelleCastillo  
newschema  
omar  
PRUEBA  
prueba  
RebecaJuarez  
RebecaJuarezFinal

Tables  
Views  
Stored Procedures  
Functions

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

53 # 14 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_payments\_dataset obtener del  
54 SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,  
55 olist\_orders\_dataset.order\_status, olist\_order\_payments\_dataset.payment\_type,  
56 olist\_order\_payments\_dataset.payment\_value  
57 FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset  
58 ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id LEFT JOIN olist\_order\_payments\_dataset  
59 ON olist\_orders\_dataset.order\_id = olist\_order\_payments\_dataset.order\_id  
60 WHERE olist\_order\_reviews\_dataset.review\_score = 1;

Result Grid

order_id	review_score	order_status	payment_type	payment_value
0005a1a1728c9d785b8e2b08b904576c	1	delivered	credit_card	157.6
000aed2e25dbad2f9ddb70584c5a2ded	1	delivered	credit_card	152.77
0010dedd556712d7bb69a19cb7b0d37a	1	unavailable	boleto	111.12
00143d0f86d6fbd9f9b38ab440ac16f5	1	delivered	credit_card	109.29
00169e31ef4b29deaae414f9a5e95929	1	delivered	boleto	55.11
0017a64e76a07da48f1f1a4d7ba0c5	1	delivered	credit_card	83.30

Result 14 x

Output

#	Time	Action	Message	Duration / Fetch
11	19:49:55	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	226 row(s) returned	0.156 sec / 0.110 sec
12	19:50:26	SELECT count(olist_order_reviews_dataset.review_id), olist_orders_dataset.order_status FR...	6 row(s) returned	0.078 sec / 0.000 sec
13	19:51:46	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	193 row(s) returned	0.141 sec / 0.000 sec
14	19:54:44	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	289 row(s) returned	0.156 sec / 0.000 sec
15	19:55:27	SELECT olist_order_reviews_dataset.order_id, olist_order_reviews_dataset.review_score, ol...	236 row(s) returned	0.234 sec / 0.000 sec

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

# 19 Dentro de las tablas olist\_order\_reviews\_dataset, olist\_orders\_dataset y olist\_order\_payments\_dataset obtener los 10 payment\_value más altos

SELECT olist\_order\_reviews\_dataset.order\_id, olist\_order\_reviews\_dataset.review\_score,

olist\_orders\_dataset.order\_status, olist\_order\_payments\_dataset.payment\_type,

olist\_order\_payments\_dataset.payment\_value

FROM olist\_order\_reviews\_dataset LEFT JOIN olist\_orders\_dataset

ON olist\_order\_reviews\_dataset.order\_id = olist\_orders\_dataset.order\_id LEFT JOIN olist\_order\_payments\_dataset

ON olist\_orders\_dataset.order\_id = olist\_order\_payments\_dataset.order\_id

WHERE olist\_order\_reviews\_dataset.review\_score = 1

ORDER BY payment\_value DESC LIMIT 10;

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar contains a Schemas list with various databases like 'irvynsanchez', 'LuisCastro', 'LuisGuillermo', 'MichelleCastillo', 'newschema', 'omar', 'PRUEBA', 'prueba', 'RebecaJuarez', and 'RebecaJuarezFinal'. The main editor displays a SQL query (lines 61-69) that joins three datasets: 'olist\_order\_reviews\_dataset', 'olist\_orders\_dataset', and 'olist\_order\_payments\_dataset'. The query filters for 'review\_score = 1' and orders results by 'payment\_value' in descending order, limited to 10 rows. Below the query, the 'Result Grid' shows the output with columns: order\_id, review\_score, order\_status, payment\_type, and payment\_value. The bottom panel shows the 'Output' tab with a table of action results, including timestamps, actions, messages, and durations.

# 20 Utilizando la posición actual de la filial Olist en Sao Paulo coordenadas -23.519327, -46.305635, encuentra las localizaciones de los clientes más cercanas.

{{ \$project:

{ id: 1,

geolocation\_lat: 1,

geolocation\_lng: 1,

geolocation\_city: 1,

\_id: 0 }}, { \$match:

{

\$and:

[

{ geolocation\_lat: { \$gte: "-23.5" } },

{ geolocation\_lng: { \$gte: "-46.6" } },

{ geolocation\_lat: { \$lte: "-23.51" } },

{ geolocation\_lng: { \$lte: "-46.63" } }

]

}}}

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_geolocation\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset ...

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_geolocation\_dataset

DOCUMENTS 2.2k TOTAL SIZE 415.3KB AVG. SIZE 190B INDEXES 1 TOTAL SIZE 36.0KB AVG. SIZE 36.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 16 Proyecto Final SAVE

SELECT AN OPERATOR TO CONSTRUCT EXPRESSIONS USED IN THE AGGREGATION PIPELINE STAGES. [Learn more](#)

id: ObjectId("5fcbeca5276fef2f88779964")  
id: 100  
geolocation\_zip\_code\_prefix: 1001  
geolocation\_lat: "-23.549292"  
geolocation\_lng: "-46.63355948"  
geolocation\_city: "sao paulo"  
geolocation\_state: "SP"

id: ObjectId("5fcbeca5276fef2f88779965")  
id: 130  
geolocation\_zip\_code\_prefix: 1021  
geolocation\_lat: "-23.54516769"  
geolocation\_lng: "-46.63224868"  
geolocation\_city: "sao paulo"  
geolocation\_state: "SP"

\$project

Output after \$project stage (Sample of 20 documents)

```
1 { id: 1,
2   geolocation_lat: 1,
3   geolocation_lng: 1,
4   geolocation_city: 1,
5   _id: 0 }
```

id: 100  
geolocation\_lat: "-23.549292"  
geolocation\_lng: "-46.63355948"  
geolocation\_city: "sao paulo"

id: 130  
geolocation\_lat: "-23.54516769"  
geolocation\_lng: "-46.63224868"  
geolocation\_city: "sao paulo"

MongoDB Compass - 52.12.20.255:27017/RebecaJuarezFinal.olist\_geolocation\_dataset

Connect View Collection Help

Local

13 DBS 55 COLLECTIONS

☆ FAVORITE

HOST  
52.12.20.255:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.2.10 Community

Filter your data

COVID

H1N1

RebecaJuarezFinal

olist\_geolocation\_dataset ...

olist\_order\_items\_dataset

olist\_order\_payments\_d...

olist\_order\_reviews\_dat...

olist\_orders\_dataset

olist\_products\_dataset

olist\_sellers\_dataset

Starbucks

MongoSH Beta

RebecaJuarezFinal.olist\_geolocation\_dataset

DOCUMENTS 2.2k TOTAL SIZE 415.3KB AVG. SIZE 190B INDEXES 1 TOTAL SIZE 36.0KB AVG. SIZE 36.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Pregunta 16 Proyecto Final SAVE

\$match

Output after \$match stage (Sample of 7 documents)

```
1 {
2   $and:
3     [
4       {
5         geolocation_lat: { $gte: "-23.5" },
6         geolocation_lng: { $gte: "-46.6" },
7         geolocation_lat: { $lte: "-23.51" },
8         geolocation_lng: { $lte: "-46.63" }
9       }
10    ]
11 }
```

id: 19105  
geolocation\_lat: "-23.50097763"  
geolocation\_lng: "-46.62712333"  
geolocation\_city: "sao paulo"

id: 19274  
geolocation\_lat: "-23.50751845"  
geolocation\_lng: "-46.61747075"  
geolocation\_city: "sao paulo"

ADD STAGE