

## TASK-DATA ANALYST-3

MySQL Workbench interface showing a query result grid for the query: `SELECT * FROM superstore LIMIT 10;`

The result grid displays 10 rows of data with columns: ROW\_ID, ORDER\_ID, ORDER\_DATE, SHIP\_DATE, SHIP\_MODE, CUSTOMER\_ID, CUSTOMER\_NAME, SEGMENT, COUNTRY, and CITY.

ROW_ID	ORDER_ID	ORDER_DATE	SHIP_DATE	SHIP_MODE	CUSTOMER_ID	CUSTOMER_NAME	SEGMENT	COUNTRY	CITY
1	CA-2017-152156	08/11/2017	11/11/2017	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson
2	CA-2017-152156	08/11/2017	11/11/2017	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson
3	CA-2017-138688	12/06/2017	16/06/2017	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles
4	US-2016-108966	11/10/2016	18/10/2016	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale
5	US-2016-108966	11/10/2016	18/10/2016	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale
6	CA-2015-115812	09/06/2015	14/06/2015	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles
7	CA-2015-115812	09/06/2015	14/06/2015	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles
8	CA-2015-115812	09/06/2015	14/06/2015	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles
9	CA-2015-115812	09/06/2015	14/06/2015	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles
10	CA-2015-115812	09/06/2015	14/06/2015	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
22	20:36:17	SELECT year, product_name, total_sales FROM ( SELECT YEAR(STO_DATE)...	4 row(s) returned	0.016 sec / 0.000 sec
23	20:38:34	SELECT * FROM superstore LIMIT 10	10 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench interface showing a query result grid for the query: `SELECT REGION, SUM(SALES) AS total_sales FROM superstore GROUP BY REGION ORDER BY total_sales DESC;`

The result grid displays 4 rows of data with columns: REGION and total\_sales.

REGION	total_sales
West	10189.2600000000002
Central	7939.65
East	6327.3300000000003
South	4153.69000000000005

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
23	20:38:34	SELECT * FROM superstore LIMIT 10	10 row(s) returned	0.000 sec / 0.000 sec
24	20:39:19	SELECT REGION, SUM(SALES) AS total_sales FROM superstore GROUP BY REGION OR...	4 row(s) returned	0.016 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

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Schema: analyst

SQL File 1\*

```
1 SELECT PRODUCT_NAME, COUNT(*) AS order_count
2 FROM superstore
3 GROUP BY PRODUCT_NAME
4 ORDER BY order_count DESC
5 LIMIT 1;
6
```

Result Grid

PRODUCT_NAME	order_count
Bretford CR4500 Series Slim Rectangular Table	2

SQL Additions

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
24	20:39:19	SELECT REGION, SUM(SALES) AS total_sales FROM superstore GROUP BY REGION OR...	4 row(s) returned	0.016 sec / 0.000 sec
25	20:40:01	SELECT PRODUCT_NAME, COUNT(*) AS order_count FROM superstore GROUP BY PRO...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

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Information

Schema: analyst

SQL File 1\*

```
1 SELECT CATEGORY, AVG(SALES) AS avg_sales
2 FROM superstore
3 GROUP BY CATEGORY;
```

Result Grid

CATEGORY	avg_sales
Furniture	406.20647058823533
Office Supplies	95.66390804597704
Technology	269.83958333333333

SQL Additions

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
25	20:40:01	SELECT PRODUCT_NAME, COUNT(*) AS order_count FROM superstore GROUP BY PRO...	1 row(s) returned	0.000 sec / 0.000 sec
26	20:40:46	SELECT CATEGORY, AVG(SALES) AS avg_sales FROM superstore GROUP BY CATEGO...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

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Schema: analyst

SQL File 1\*

```
1 SELECT Category, COUNT(*) AS total_orders
2 FROM superstore
3 GROUP BY Category;
```

Result Grid

Category	total_orders
Furniture	34
Office Supplies	87
Technology	24

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	20:40:46	SELECT CATEGORY, AVG(SALES) AS avg_sales FROM superstore GROUP BY CATEGO...	3 row(s) returned	0.000 sec / 0.000 sec
27	20:41:37	SELECT Category, COUNT(*) AS total_orders FROM superstore GROUP BY Category LIMIT...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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MySQL Workbench

Local instance MySQL80 x

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Information

Schema: analyst

SQL File 1\*

```
1 SELECT PRODUCT_ID, SUM(SALES) AS total_sales
2 FROM superstore
3 GROUP BY PRODUCT_ID
4 ORDER BY total_sales DESC
5 LIMIT 1;
```

Result Grid

PRODUCT_ID	total_sales
FUR-80-10004834	3083.43

Output

Action Output

#	Time	Action	Message	Duration / Fetch
31	20:45:34	SELECT Product, SUM(SALES) AS total_sales FROM superstore GROUP BY PRODUCT_ID...	Error Code: 1054. Unknown column 'Product' in field list	0.000 sec
32	20:45:59	SELECT PRODUCT_ID, SUM(SALES) AS total_sales FROM superstore GROUP BY PROD...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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