

MySQL Workbench

Local instance MYSQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
91
92 /*--Write a query to display the Customer_Name and Customer_Segment
93 using alias name "Customer Name", "Customer Segment" from table Cust_dimen.--*/
94
95
96 SELECT Customer_Name AS 'Customer Name', Customer_Segment AS 'Customer Segment'
97 FROM Cust_dimen
98
99 /* Write a query to find all the details of the customer from the table cust_dimen order by desc*/
100
101 SELECT *
102 FROM cust_dimen
```

Result Grid

Customer Name	Customer Segment
MUHAMMED MACINTYRE	SMALL BUSINESS
BARRY FRENCH	CONSUMER
CLAY ROZENDAL	CORPORATE
CARLOS SOLTERO	CONSUMER
CARL JACKSON	CORPORATE
MONTA FERRER	CORPORATE

Output

Action Output

#	Time	Action	Message	Duration / Fetch
18	22:07:45	use superstores	0 row(s) affected	0.000 sec
19	22:07:58	SELECT Customer_Name AS 'Customer Name', Customer_Segment AS 'Customer Segment'	1832 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

10:08 PM

MySQL Workbench

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Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
97 FROM cust_dimen;
98
99 /* Write a query to find all the details of the customer from the table cust_dimen order by desc*/
100
101 SELECT *
102 FROM cust_dimen
103 ORDER BY Customer_Name DESC;
104
105 /*Write a query to get the Order ID, Order date from table orders_dimen where 'Order Priority' is high.*/
106
107 SELECT Order_ID, Order_Date
108 FROM orders_dimen
```

Result Grid

Customer_Name	Province	Region	Customer_Segment	Cust_id
YOSAPH CARROLL	ALBERTA	WEST	CONSUMER	Cust_1798
YANA SORESENSEN	YUKON	YUKON	CORPORATE	Cust_1519
YANA SORESENSEN	NEWFOUNDLAND	ATLANTIC	CORPORATE	Cust_637
YANA SORESENSEN	QUEBEC	QUEBEC	CORPORATE	Cust_851
YANA SORESENSEN	BRITISH COLUMBIA	WEST	CORPORATE	Cust_1577
XYLONA PRICE	ONTARIO	ONTARIO	CORPORATE	Cust_1006

Output

Action Output

Time	Action	Message	Duration / Fetch
19 22:07:58	SELECT Customer_Name AS 'Customer Name', Customer_Segment AS 'Customer Segment' ...	1832 row(s) returned	0.000 sec / 0.000 sec
20 22:08:37	SELECT * FROM cust_dimen ORDER BY Customer_Name DESC LIMIT 0, 2000	1832 row(s) returned	0.016 sec / 0.000 sec

MySQL Workbench

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Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
103 ORDER BY Customer_Name DESC;
104
105 /*Write a query to get the Order ID, Order date from table orders_dimen where 'Order Priority' is high.*/
106
107 * SELECT Order_ID, Order_Date
108 FROM orders_dimen
109 WHERE Order_Priority LIKE('High');
110
111 /*Find the total and the average sales (display total_sales and avg_sales)*/
112
113 * SELECT SUM(sales) AS 'total_sales', AVG(sales) AS 'avg_sales'
114 FROM market_fact;
```

Result Grid

Order_ID	Order_Date
293	01-10-2012
483	10-07-2011
613	17-06-2011
643	24-03-2011
1540	04-08-2012
1702	06-05-2011

orders_dimen 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
21	22:09:04	SELECT Order_ID, Order_Date FROM orders_dimen WHERE Order_Priority LIKE(High) LI...	1137 row(s) returned	0.000 sec / 0.000 sec
22	22:09:26	SELECT Order_ID, Order_Date FROM orders_dimen WHERE Order_Priority LIKE(High) LI...	1137 row(s) returned	0.000 sec / 0.000 sec

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Functions

superstores

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- cust_dimen
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Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
109 WHERE Order_Priority LIKE('High');
110
111 /*Find the total and the average sales (display total_sales and avg_sales)*/
112
113 SELECT SUM(sales) AS 'total_sales', AVG(sales) AS 'avg_sales'
114 FROM market_fact;
115
116 /*Write a query to get the maximum and minimum sales from market_fact table*/
117
118 SELECT MAX(sales) AS 'maximum sales', MIN(sales) AS 'minimum sales'
119 FROM market_fact;
120
```

Result Grid

total_sales	avg_sales
14647187.904000023	1757.1002763915576

Result 5 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
22	22:09:26	SELECT Order_ID, Order_Date FROM orders_dimen WHERE Order_Priority LIKE('High') LI...	1137 row(s) returned	0.000 sec / 0.000 sec
23	22:09:47	SELECT SUM(sales) AS 'total_sales', AVG(sales) AS 'avg_sales' FROM market_fact LIMIT ...	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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Navigator

SCHEMAS

Filter objects

Functions

superstores

Tables

cust_dimen

market_fact

orders_dimen

prod_dimen

shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
115
116 /*Write a query to get the maximum and minimum sales from market_fact table*/
117
118 * SELECT MAX(sales) AS 'maximum sales', MIN(sales) AS 'minimum sales'
119 FROM market_fact;
120
121 /*Display the number of customers in each region in decreasing order of no_of_customers.
122 The result should contain columns Region, no_of_customers.*/
123
124 * SELECT region, COUNT(*) AS no_of_customers
125 FROM cust_dimen
126 GROUP BY region
```

Result Grid

maximum sales	minimum sales
89061.05	2.24

Result 6 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	22:09:47	SELECT SUM(sales) AS total_sales, AVG(sales) AS 'avg_sales' FROM market_fact LIMIT ...	1 row(s) returned	0.016 sec / 0.000 sec
24	22:10:18	SELECT MAX(sales) AS 'maximum sales', MIN(sales) AS 'minimum sales' FROM market_fact...	1 row(s) returned	0.000 sec / 0.000 sec

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Filter objects

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cust_dimen

market_fact

orders_dimen

prod_dimen

shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
121 /*Display the number of customers in each region in decreasing order of no_of_customers.
122 The result should contain columns Region, no_of_customers.*/
123
124 SELECT region, COUNT(*) AS no_of_customers
125 FROM cust_dimen
126 GROUP BY region
127 ORDER BY no_of_customers DESC;
128
129 /*Find the region having maximum customers (display the region name and max(no_of_customers)*/
130
131 SELECT region, COUNT(Cust_id) AS 'no_of_customers'
132 FROM cust_dimen
```

Result Grid

region	no_of_customers
WEST	382
ATLANTIC	344
ONTARIO	337
PRARIE	313
QUEBEC	210
YUKON	130

Result 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
24	22:10:18	SELECT MAX(sales) AS 'maximum sales', MIN(sales) AS 'minimum sales' FROM market_fact...	1 row(s) returned	0.000 sec / 0.000 sec
25	22:10:49	SELECT region, COUNT(*) AS no_of_customers FROM cust_dimen GROUP BY region OR ...	8 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

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Navigator

SCHEMAS

Filter objects

Functions

superstores

Tables

cust_dimen

market_fact

orders_dimen

prod_dimen

shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
127 ORDER BY no_of_customers DESC;
128
129 /*Find the region having maximum customers (display the region name and max(no_of_customers)*/
130
131 SELECT region, COUNT(Cust_id) AS 'no_of_customers'
132 FROM cust_dimen
133 GROUP BY region
134 ORDER BY no_of_customers DESC
135 LIMIT 1;
136
137 /*Find all the customers from Atlantic region who have ever purchased 'TABLES' and
138 the number of tables purchased (display the customer name, no_of_tables purchased)*/
```

Result Grid

region	no_of_customers
WEST	382

Result 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
25	22:10:49	SELECT region, COUNT(*) AS no_of_customers FROM cust_dimen GROUP BY region OR...	8 row(s) returned	0.015 sec / 0.000 sec
26	22:11:51	SELECT region, COUNT(Cust_id) AS 'no_of_customers' FROM cust_dimen GROUP BY regi...	1 row(s) returned	0.000 sec / 0.000 sec

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SCHEMAS

Filter objects

Functions

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
137 /*Find all the customers from Atlantic region who have ever purchased 'TABLES' and
138 the number of tables purchased (display the customer name, no_of_tables purchased)*/
139
140 SELECT customer_name C, COUNT(*) no_of_tables_purchased
141 FROM market_fact AS m
142 INNER JOIN cust_dimen c ON m.cust_id = c.cust_id
143 WHERE c.region = 'atlantic'
144 AND m.prod_id = ( SELECT prod_id
145 FROM prod_dimen
146 WHERE product_sub_category = 'tables' )
147 GROUP BY m.cust_id, c.customer_name
148
```

Result Grid

C	no_of_tables_purchased
ALEXSANDRA GANNAWAY	1
ANEMONE RATNER	1
BARRY FRANZ	1
BECKY MARTIN	1
BEN PETERMAN	1
BOBBY TRAFTON	1

Result 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	22:11:51	SELECT region, COUNT(Cust_id) AS 'no_of_customers' FROM cust_dimen GROUP BY regi...	1 row(s) returned	0.000 sec / 0.000 sec
27	22:12:27	SELECT customer_name C, COUNT(*) no_of_tables_purchased FROM market_fact AS m I...	43 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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Navigator

SCHEMAS

Filter objects

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
149 /*Find all the customers from Ontario province who own Small Business.
150 (display the customer name, no of small business owners)*/
151
152 * SELECT Customer_Name, COUNT(Customer_Segment) AS 'no of small business owners'
153 FROM cust_dimen
154 WHERE Customer_Segment='SMALL BUSINESS' AND Province = 'ONTARIO'
155 GROUP BY Customer_Name
156
157 /* Find the number and id of products sold in decreasing order of products sold (display product id, no_of_products sold)*/
158
159 * SELECT prod_id AS product_id, COUNT(*) AS no_of_products_sold
160 FROM market_fact
```

Result Grid

Customer_Name	no of small business owners
CHRISTINA VANDERZANDEN	1
MEG O'CONNEL	1
CHRISTINE SUNDARESAM	1
DOUG O'CONNELL	1
CHRISTINE KARGATTIS	1
CHRISTINE KARGATTIS	1

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
27	22:12:27	SELECT customer_name C, COUNT(*) no_of_tables_purchased FROM market_fact AS m L...	43 row(s) returned	0.016 sec / 0.000 sec
28	22:12:55	SELECT Customer_Name, COUNT(Customer_Segment) AS 'no of small business owners' F...	70 row(s) returned	0.016 sec / 0.000 sec

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MySQL Workbench

Local instance MYSQL80 x

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SCHEMAS

Filter objects

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL-MYSCRIPT

Limit to 2000 rows

```
155 GROUP BY Customer_Name;
156
157 /* Find the number and id of products sold in decreasing order of products sold (display product id, no_of_products sold)*/
158
159 SELECT prod_id AS product_id, COUNT(*) AS no_of_products_sold
160 FROM market_fact
161 GROUP BY prod_id
162 ORDER BY no_of_products_sold DESC;
163
164 /*Display product Id and product sub category whose product category belongs to Furniture and Technology.
165 The result should contain columns product id, product sub category.*/
166
```

Result Grid

product_id	no_of_products_sold
Prod_6	1225
Prod_3	915
Prod_4	883
Prod_5	788
Prod_8	758
Prod_13	633

Result 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
28	22:12:55	SELECT Customer_Name, COUNT(Customer_Segment) AS 'no of small business owners' F...	70 row(s) returned	0.016 sec / 0.000 sec
29	22:13:30	SELECT prod_id AS product_id, COUNT(*) AS no_of_products_sold FROM market_fact G	17 row(s) returned	0.015 sec / 0.000 sec

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SCHEMAS

Filter objects

Functions

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQLMYSCRIPT

Limit to 2000 rows

```
161 GROUP BY prod_id
162 ORDER BY no_of_products_sold DESC;
163
164 /*Display product Id and product sub category whose product category belongs to Furniture and Technology.
165 The result should contain columns product id, product sub category.*/
166
167 * SELECT Prod_Id AS 'product id', Product_Sub_Category AS 'product sub category'
168 FROM prod_dimen
169 WHERE Product_Category ~ 'FURNITURE' OR Product_Category ~ 'TECHNOLOGY';
170
171 /*Display the product categories in descending order of profits
172 (display the product category wise profits i.e. product_category, profits)? */
```

Result Grid

product id	product sub category
Prod_4	TELEPHONES AND COMMUNICATION
Prod_5	OFFICE FURNISHINGS
Prod_8	COMPUTER PERIPHERALS
Prod_10	BOOKCASES
Prod_11	TABLES
Prod_14	COMPUTER AND FAX

prod_dimen 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
29	22:13:30	SELECT prod_id AS product_id, COUNT(*) AS no_of_products_sold FROM market_fact G...	17 row(s) returned	0.015 sec / 0.000 sec
30	22:14:13	SELECT Prod_Id AS 'product id', Product_Sub_Category AS 'product sub category' FROM ...	8 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Filter objects

SCHEMAS

Functions

superstores

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cust_dimen

market_fact

orders_dimen

prod_dimen

shipping_dimen

Views

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Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
170
171 /*Display the product categories in descending order of profits
172 (display the product category wise profits i.e. product_category, profits)? */
173
174 SELECT p.product_category, SUM(profit) AS profits
175 FROM market_fact m
176 INNER JOIN prod_dimen p ON m.prod_id = p.prod_id
177 GROUP BY p.product_category
178 ORDER BY profits DESC
179
180 /*Display the product category, product sub-category and the profit within each subcategory in three columns.*/
181
```

Result Grid

product_category	profits
TECHNOLOGY	886313.5200000014
OFFICE SUPPLIES	524956.7699999997
FURNITURE	75968.73000000004

Result 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	22:14:13	SELECT Prod_Id AS 'product id', Product_Sub_Category AS 'product sub category' FROM ...	8 row(s) returned	0.000 sec / 0.000 sec
31	22:14:41	SELECT p.product_category, SUM(profit) AS profits FROM market_fact m INNER JOIN pro ...	3 row(s) returned	0.032 sec / 0.000 sec

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Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
179
180 /*Display the product category, product sub-category and the profit within each subcategory in three columns.*/
181
182 * SELECT p.Product_Category, p.Product_Sub_Category, m.profit
183 FROM market_fact AS m
184 INNER JOIN prod_dimen AS p ON m.prod_id = p.prod_id
185 GROUP BY Product_Sub_Category;
186
187 /* Display the order date, order quantity and the sales for the order.*/
188
189 * SELECT o.Order_Date, m.Order_Quantity, m.Sales
190 FROM market_fact AS m
```

Result Grid

Product_Category	Product_Sub_Category	profit
OFFICE SUPPLIES	SCISSORS, RULERS AND TRIMMERS	-30.51
OFFICE SUPPLIES	PENS & ART SUPPLIES	4.56
TECHNOLOGY	TELEPHONES AND COMMUNICATION	1148.9
OFFICE SUPPLIES	PAPER	729.34
TECHNOLOGY	OFFICE MACHINES	1219.87
OFFICE SUPPLIES	LABELS	1.32

Result 14 x

Output

Action Output

Time	Action	Message	Duration / Fetch
31 22:14:41	SELECT p product_category, SUM(profit) AS profits FROM market_fact m INNER JOIN pro...	3 row(s) returned	0.032 sec / 0.000 sec
32 22:15:19	SELECT p Product_Category, p Product_Sub_Category, m profit FROM market_fact AS m I...	17 row(s) returned	0.031 sec / 0.000 sec

MySQL Workbench

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SCHEMAS

Filter objects

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superstores

Tables

cust_dimen

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Views

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Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
185 GROUP BY Product_Sub_Category;
186
187 /* Display the order date, order quantity and the sales for the order.*/
188
189 SELECT o.Order_Date, m.Order_Quantity, m.Sales
190 FROM market_fact AS m
191 INNER JOIN orders_dimen AS o ON m.ord_id=o.ord_id
192 ORDER BY Order_Date;
193
194 /* Display the names of the customers whose name contains the
195 i) Second letter as 'R'
196 ii) Fourth letter as 'D'*/
```

Result Grid

Order_Date	Order_Quantity	Sales
01-01-2009	32	180.36
01-01-2010	42	161.77
01-01-2010	43	294.13
01-01-2010	29	4192.88
01-01-2010	11	447.09
01-01-2010	6	1193.1
...

Result 15

Output

Action Output

#	Time	Action	Message	Duration / Fetch
32	22:15:19	SELECT p.Product_Category, p.Product_Sub_Category, m.profit FROM market_fact AS m L...	17 row(s) returned	0.031 sec / 0.000 sec
33	22:15:40	SELECT o.Order_Date, m.Order_Quantity, m.Sales FROM market_fact AS m INNER JOIN ...	2000 row(s) returned	0.063 sec / 0.125 sec

Object Info Session

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shipping_dimen

Views

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Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
194 /* Display the names of the customers whose name contains the
195 i) Second letter as 'R'
196 ii) Fourth letter as 'D'*/
197
198 SELECT Customer_Name
199 FROM cust_dimen
200 WHERE Customer_Name LIKE '_R%'
201 OR Customer_Name LIKE '%D%';
202
203 /*Write a SQL query to make a list with Cust_Id, Sales, Customer Name and their region
204 where sales are between 1000 and 5000*/
205
```

Result Grid

Filter Rows: Exports: Wrap Cell Contents: ☐

Customer_Name
GRANT CARROLL
BRAD EASON
FRANK PRICE
GRANT CARROLL
BRYAN DAVIS
GRANT CARROLL

cust_dimen 16 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
33	22:15:40	SELECT o.Order_Date, m.Order_Quantity, m.Sales FROM market_fact AS m INNER JOIN ...	2000 row(s) returned	0.063 sec / 0.125 sec
34	22:16:00	SELECT Customer_Name FROM cust_dimen WHERE Customer_Name LIKE '_R%' OR C...	239 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
203 /*Write a SQL query to to make a list with Cust_Id, Sales, Customer Name and their region
204 where sales are between 1000 and 5000*/
205
206 SELECT c.Cust_Id, m.Sales, c.Customer_Name, c.Region
207 FROM cust_dimen AS c
208 INNER JOIN market_fact AS m ON m.Cust_id=c.Cust_id
209 WHERE Sales BETWEEN 1000 AND 5000
210 ORDER BY Sales;
211
212 /*Write a SQL query to find the 3rd highest sales.*/
213
214 SELECT a.cust_id , a.sales , a.rnk AS "rank"
```

Result Grid

Cust_Id	Sales	Customer_Name	Region
Cust_1115	1033.93	DEANRA ENO	ONTARIO
Cust_1214	1035.2	STEVEN CARTWRIGHT	PRARIE
Cust_492	1035.95	EDWARD HAZZAL	ONTARIO
Cust_427	1036.19	JANET MOLINARI	ONTARIO
Cust_138	1038.4	JACK LEBRON	ATLANTIC
Cust_58	1038.82	MICHELLE LONSDALE	NORTHWEST TERRITORIES

Result 17 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
34	22:16:00	SELECT Customer_Name FROM cust_dimen WHERE Customer_Name LIKE 'R%' OR C...	239 row(s) returned	0.000 sec / 0.000 sec
35	22:16:28	SELECT c.Cust_Id, m.Sales, c.Customer_Name, c.Region FROM cust_dimen AS c INNE...	2000 row(s) returned	0.016 sec / 0.047 sec

Object Info Session

Type here to search

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MySQL Workbench

Local instance MySQL80 x

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SCHEMAS

Filter objects

superstores

Tables

- cust_dimen
- market_fact
- orders_dimen
- prod_dimen
- shipping_dimen

Views

Stored Procedures

Administration Schemas

Information

Schema: superstores

SQL MYSCRIPT

Limit to 2000 rows

```
212 /*write a SQL query to find the 3rd highest sales.*/
213
214 SELECT a.cust_id , a.sales , a.rnk AS "rank"
215 FROM (
216 SELECT cust_id , sum(sales) sales , ROW_NUMBER() OVER (ORDER BY sum(sales) DESC ) AS rnk
217 FROM market_fact GROUP BY cust_id ) AS a
218 WHERE a.rnk = 3 ;
219
220 /* where is the least profitable product subcategory shipped the most?
221 For the least profitable product sub-category, display the region-wise no_of_shipments and the
222 profit made in each region in decreasing order of profits (i.e. region, no_of_shipments, profit_in_each_region)
223 + Note: You can hardcode the name of the least profitable product subcategory*/
```

Result Grid

cust_id	sales	rank
Cust_1007	72331.87999999998	3

Result 18 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
35	22:16:28	SELECT c.Cust_id,m.Sales, c.Customer_Name, c.Region FROM cust_dimen AS c INNER JOIN market_fact AS m ON c.Cust_id = m.Cust_id	2000 row(s) returned	0.016 sec / 0.047 sec
36	22:16:55	SELECT a.cust_id , a.sales , a.rnk AS "rank" FROM (SELECT cust_id , sum(sales) sales , ROW_NUMBER() OVER (ORDER BY sum(sales) DESC) AS rnk FROM market_fact GROUP BY cust_id) AS a WHERE a.rnk = 3 ;	1 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

Type here to search

10:17 PM 10/15/2020

mysql-workbench

Local instance MySQL80

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SCHEMAS

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Information

No object selected

SQL MYSCRIPT

Limit to 2000 rows

```
225 * SELECT p.product_sub_category ,c.region , COUNT(ship_id) AS no_of_shipments , SUM(m.profit) AS profit_in_each_region
226 FROM market_fact m
227 INNER JOIN cust_dimen c
228 ON m.cust_id = c.cust_id
229 INNER JOIN prod_dimen p
230 ON m.prod_id = p.prod_id
231 WHERE p.product_sub_category = (
232 SELECT p.product_sub_category
233 FROM market_fact m
234 JOIN prod_dimen p
235 ON m.prod_id = p.prod_id
236 GROUP BY p.product_sub_category ORDER BY SUM(m.profit) LIMIT 1 )
237 GROUP BY c.region
238 ORDER BY SUM(m.profit) ;
239
```

Result Grid

product_sub_category	region	no_of_shipments	profit_in_each_region
TABLES	ONTARIO	79	-35948.06
TABLES	QUEBEC	47	-29957.2
TABLES	WEST	69	-21699.79
TABLES	ATLANTIC	44	-16559.729999999996
TABLES	PRARIE	65	-8760.299999999997

Result 2 x

Output

Action Output

Object Info Session

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Message