

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- employees_mod
- pizzadb
- pizzadba
- purchase_info
- salesdatawalmart**
- Tables
- sales
- Views
- Stored Procedures
- Functions
- world

Administration Schemas

Information

Table: sales

Columns:

invoice_id	varchar(30)
	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,2)
date	datetime
time	time

Object Info Session

sales sales sales sales sales sales sales sales sales

83 84 85 86 87 88 89 90 91 92

- GENERIC_EDA -

1) HOW MANY UNIQUE CITIES DOES THE DATA HAVE? ;

2) select distinct city from sales;

2) HOW MANY UNIQUE BRANCHES DOES THE DATA HAVE?

Result Grid Filter Rows: Export: Wrap Cell Content: Read Only Context Help Snippets

city
Yangon
Naypyitaw
Mandalay

sales 51 x Output Action Output

#	Time	Action	Message	Duration / Fetch
112	14:12:05	select date ,monthname(date)from sales	995 row(s) returned	0.000 sec / 0.000 sec
113	15:32:46	select distinct city from sales	3 row(s) returned	0.000 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.

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gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

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

branch

- A
- C
- B

sales 52 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
114	15:34:35	2) HOW MANY UNIQUE BRANCHES DOES THE DATA HAVE? select ...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'select distinct branch from sales' at line 1	0.000 sec
115	15:34:42	select distinct branch from sales	3 row(s) returned	0.000 sec / 0.000 sec

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.

```
89     from sales;
90
91  2) HOW MANY UNIQUE BRANCHES DOES THE DATA HAVE? ;
92
93  select
94      distinct branch
95      from sales;
96
97  3) IN WHICH CITY IS EACH BRANCH?
98
```

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Administration Schemas

Information

Table: sales

Columns:

invoice_id	varchar(30) PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

SQLAdditions

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

```
95    from sales;
96
97  3) IN WHICH CITY IS EACH BRANCH? ;
98
99  • select
100   distinct city ,
101   branch
102   from sales;
103
104  3)
```

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

city	branch
Yangon	A
Naypyitaw	C
Mandalay	B

sales 53 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
115	15:34:42	select distinct branch from sales	3 row(s) returned	0.000 sec / 0.000 sec
116	15:35:24	select distinct city , branch from sales	3 row(s) returned	0.000 sec / 0.000 sec

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Information

Table: sales

Columns:

invoice_id	varchar(30)
branch	PK
city	varchar(5)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

Product EDA

105
106
107
108 ↗ 1) HOW MANY UNNIQUE PRODUCT LINES DOES THE DATA HAVE? ;
109
110 • Select
111 count(distinct product_line)
112 from
113 sales;
114

Result Grid | Filter Rows: Export: Wrap Cell Contents: | Read Only | Context Help | Snippets

count(distinct product_line)
6

Result 54 ×

Action Output

#	Time	Action	Message	Duration / Fetch
116	15:35:24	select distinct city , branch from sales	3 row(s) returned	0.000 sec / 0.000 sec
117	15:36:25	Select count(distinct product_line) from sales	1 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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Schemas

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Table: sales

Columns:

<u>invoice_id</u>	varchar(30) PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,2)
date	datetime
time	time

Object Info Session

114
115 ②) WHAT IS THE MOST COMMON PAYMENT METHOD? ;
116
117 • Select
118 payment_method,
119 count(payment_method) as cnt
120 from
121 sales
122 Group by payment_method
123 order by cnt DESC;

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

payment_method	cnt
Cash	344
Ewallet	342
Credit card	309

Result 55 × Output: □ Action Output

#	Time	Action	Message	Duration / Fetch
117	15:36:25	Select count(distinct product_line)from sales	1 row(s) returned	0.000 sec / 0.000 sec
118	15:36:52	Select payment_method, count(payment_method) as cnt from sales Group b...	3 row(s) returned	0.000 sec / 0.000 sec

Context Help Snippets

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branch	PK
city	varchar(5)
customer_type	varchar(30)
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unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

SQLAdditions

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

```
123     order by cnt DESC;
124
125  WHAT IS THE MOST SELLING PRODUCT LINE? ;
126
127 • Select
128     product_line,
129     count(product_line) as cnt
130   from sales
131   Group by product_line
132   order by cnt DESC;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: | Read Only | Context Help | Snippets

product_line	cnt
Fashion accessories	178
Food and beverages	174
Electronic accessories	169
Sports and travel	163
Home and lifestyle	160

Result 56 x

Action Output

#	Time	Action	Message	Duration / Fetch
118	15:36:52	Select p... from sales Group by payment_method order by cnt DESC	3 row(s) returned	0.000 sec / 0.000
119	15:37:22	Select p... from sales Group by payment_method order by cnt DESC	6 row(s) returned	0.000 sec / 0.000

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branch	PK
city	varchar(5)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Result Grid | Filter Rows: Export: Wrap Cell Content: Read Only Context Help Snippets

month	total_revenue
January	116291.8680
March	108867.1500
February	95727.3765

Action Output

#	Time	Action	Message
119	15:37:22	Select product_line, count(product_line) as cnt from sales Group by prod...	6 row(s) returned
120	15:37:49	SELECT month_name as month, sum(total) as total_revenue from sales group...	3 row(s) returned

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PK	
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customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

sales sales sales sales sales sales sales sales sales

141 order by total_revenue desc;

142

143 ✘ 5) WHAT MONTH HAS THE LARGEST COGS? ;

144.

145 • SELECT

146 month_name as month,

147 sum(cogs) as cogs

148 from sales

149 group by month_name

150 order by cogs desc;

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

month	cogs
January	110754.16
March	103683.00
February	91168.93

Result 58 × Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message
120	15:37:49	SELECT month_name as month, sum(total) as total_revenue from sales group...	3 row(s) returned
121	15:38:10	SELECT month_name as month, sum(cogs) as cogs from sales group by mon...	3 row(s) returned

Workbench

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SQLAdditions

AS objects

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ration Schemas

e: sales

mns:

oice_id

branch

customer_type

order

product_line

unit_price

quantity

unit

total

date

time

Session

```
150    order by cogs desc;
151
152 ⑤) WHAT PRODUCT LINE HAD THE LARGEST REVENUE? ;
153
154 • Select
155     product_line,
156     sum(total) as total_revenue
157     from sales
158     group by product_line
159     order by total_revenue desc;
```

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

product_line	total_revenue
Food and beverages	56144.8440
Fashion accessories	54305.8950
Sports and travel	53936.1270
Home and lifestyle	53861.9130
Electronic accessories	53783.2365

Result 59 ×

Output

Action Output

#	Time	Action	Message
121	15:38:10	SELECT month_name as month, sum(cogs) as cogs from sales group by mon...	3 row(s) returned
122	15:38:39	Select product_line, sum(total) as total_revenue from sales group by product...	6 row(s) returned

Read Only

Context Help S

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branch	PK
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customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

sales sales sales sales sales sales sales sales sales

160
161 ↗) WHAT IS THE LARGEST CITY REVENUE?;
162
163 • select
164 branch,
165 city,
166 sum(total) as total_revenue
167 from sales
168 group by city, branch
169 order by total_revenue desc;

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

branch	city	total_revenue
C	Naypyitaw	110490.7755
A	Yangon	105861.0105
B	Mandalay	104534.6085

Result 60 × Output Action Output

#	Time	Action	Message	Duration / Fetch
122	15:38:39	Select product_line, sum(total) as total_revenue from sales group by product...	6 row(s) returned	0.000 sec / 0.000 sec
123	15:39:10	select branch, city, sum(total) as total_revenue from sales group by city, bra...	3 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

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city	varchar(30)
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gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Session

SQL Editor

```

169     order by total_revenue desc;
170
171  8) WHAT PRODUCT LINE HAD THE LARGEST VAT ? ;
172
173  • select
174      product_line,
175      avg(vat) as avg_Tax
176      from sales
177      group by product_line
178      order by avg_tax desc;

```

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

Read Only Context Help Snippet

product_line	avg_Tax
Home and lifestyle	16.03033124
Sports and travel	15.75697549
Health and beauty	15.40661591
Food and beverages	15.36531029
Electronic accessories	15.15447632

Result 61 × Output

Action Output

#	Time	Action	Message
123	15:39:10	select branch, city, sum(total) as total_revenue from sales group by city, bra...	3 row(s) returned
124	15:39:26	select product_line, avg(vat) as avg_Tax from sales group by product_line or...	6 row(s) returned

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branch	varchar(5)
city	varchar(30)
customer_type	varchar(10)
gender	varchar(100)
product_line	decimal(10,2)
unit_price	int
quantity	float(6,4)
vat	decimal(12,4)
total	datetime
date	time

Object Info Session

sales sales sales sales sales sales sales sales sales

178 order by avg_tax desc;

179

180 ✘ ⑧) WHICH BRAND SOLD MORE PRODUCTS THAN AVERAGE PRODUCT SOLD? ;

181

182 • select

183 branch,

184 sum(quantity) as qty

185 from sales

186 group by branch

187 having sum(quantity) > (select avg(quantity) from sales) ;

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

branch	qty
A	1849
C	1828
B	1795

Result 62 × Read Only Context Help Snippet

Action Output

#	Time	Action	Message
124	15:39:26	select product_line, avg(vat) as avg_Tax from sales group by product_line or...	6 row(s) returned
125	15:40:05	select branch, sum(quantity) as qty from sales group by branch having sum(...	3 row(s) returned

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customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Object Info Session

SQL Editor

sales sales sales sales sales sales sales sales sales

187 having sum(quantity) > (select avg(quantity) from sales) ;
188
189 10) WHAT IS THE MOST COMMON PRODUCT LINE BY GENDER? ;
190
191 • Select
192 gender, product_line,
193 count(gender) as total_cnt
194 from sales
195 group by gender, product_line
196 order by total_cnt desc;

Result Grid | Filter Rows: Export: Wrap Cell Content: Read Only Context Help Snippets

gender	product_line	total_cnt
Female	Fashion accessories	96
Female	Food and beverages	90
Male	Health and beauty	88
Female	Sports and travel	86
Male	Electronic accessories	86

Result 63 x

Action Output

#	Time	Action	Message
125	15:40:05	select branch, sum(quantity) as qty from sales group by branch having sum(...)	3 row(s) returned
126	15:40:18	Select gender, product_line, count(gender) as total_cnt from sales group by g...	12 row(s) returned

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World

Table: sales

Columns:

- invoice_id: varchar(30) PK
- branch: varchar(5)
- city: varchar(30)
- customer_type: varchar(30)
- gender: varchar(10)
- product_line: varchar(100)
- unit_price: decimal(10,2)
- quantity: int
- unit: float(6,4)
- total: decimal(12,4)
- date: datetime
- time: time

Session

sales sales sales sales sales sales sales sales sales

196 order by total_cnt desc;

197

198 11) WHAT IS THE AVERAGE RATING OF EACH PRODUCT LINE? ;

199

200 • select

201 round(avg(rating), 2) as avg_rating,

202 product_line

203 from sales

204 group by product_line

205 order by avg_rating desc;

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

avg_rating	product_line
7.11	Food and beverages
7.03	Fashion accessories
6.98	Health and beauty
6.91	Electronic accessories
6.86	Sports and travel

Result 64 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
126	15:40:18	Select gender, product_line, count(gender) as total_cnt from sales group by g...	12 row(s) returned	0.000 sec / 0.000
127	15:40:36	select round(avg(rating), 2) as avg_rating, product_line from sales group by pr...	6 row(s) returned	0.000 sec / 0.000

Context Help Snippets

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Filter objects

208 -----SALES EDA-----

209

210 ①) WHAT IS THE NUMBER OF SALES MADE IN EACH TIME OF THE DAY PER WEEKDAY? ;

211 • select

212 time_of_day,

213 count(*) as total_sales

214 from sales

215 where day_name = "Monday"

216 group by time_of_day

217 order by total_sales desc;

SQLAdditions

Automatic context help disabled. Use the toolbar or F1 key to manually get help for the current caret position. To toggle automatic help, click the 'Automatic' button.

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

time_of_day	total_sales
Evening	56
Afternoon	48
Morning	20

Result 65 ×

Output

Action Output

#	Time	Action	Message	Duration
127	15:40:36	select round(avg(rating), 2) as avg_rating, product_line from sales group by pr...	6 row(s) returned	0.000 sec
128	15:41:17	select time_of_day, count(*) as total_sales from sales where day_name = "Mo..."	3 row(s) returned	0.000 sec

Context Help Snippets

File Query Database Server Tools Scripting Help

sales sales sales sales sales sales sales sales sales

SQLAdditions

Automatically
disabled.
manual
current
toggle

```
220 ②) WHICH OF THE CUSTOMER TYPES BRINGS THE MOST REVENUE? ;
221
222 • select
223   customer_type,
224   sum(total) as total_rev
225   from sales
226   group by customer_type
227   order by total_rev desc;
228
229 ③) WHICH CITY HAS THE LARGEST TAX PERCENT / VAT(VALUE ADDED TAX)? ;
```

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

customer_type	total_rev
Member	163625.1015
Normal	157261.2930

Result 66 × Read Only Context Help

Action Output

#	Time	Action	Message
128	15:41:17	select time_of_day, count(*) as total_sales from sales where day_name = "Mo... 3 row(s) returned	
129	15:41:37	select customer_type, sum(total) as total_rev from sales group by customer_ty... 2 row(s) returned	

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Table: sales

Columns:

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branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
VAT	float(6,4)
total	decimal(12,2)
date	datetime
time	time

Session

sales sales sales sales sales sales sales sales sales

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curr
tc

229 ③) WHICH CITY HAS THE LARGEST TAX PERCENT / VAT(VALUE ADDED TAX)? ;
230
231 • select
232 city ,
233 avg(vat) as VAT
234 from sales
235 group by city
236 order by VAT desc;
237
238 ④) WHICH CUSTOMER TYPE PAYS THE MOST IN VAT? ;

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

city	VAT
Naypyitaw	16.09010850
Mandalay	15.13020824
Yangon	14.87020798

Result 67 × Output Action Output

#	Time	Action	Message
129	15:41:37	select customer_type, sum(total) as total_rev from sales group by customer_ty...	2 row(s) returned
130	15:41:53	select city , avg(vat) as VAT from sales group by city order by VAT desc	3 row(s) returned

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Administration Schemas

Table: sales

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<u>invoice_id</u>	varchar(30) PK
branch	varchar(5)
city	varchar(30)
<u>customer_type</u>	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
VAT	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Session

SQL Editor

sales sales sales sales sales sales sales sales sales

238 ④) WHICH CUSTOMER TYPE PAYS THE MOST IN VAT? ;
239
240 • select
241 customer_type,
242 avg(vat) as VAT
243 from sales
244 group by customer_type
245 order by VAT desc;
246
247

CUSTOMER INFORMATION

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

customer_type	VAT
Member	15.61457214
Normal	15.09805040

Result 68 × Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration
130	15:41:53	select city , avg(vat) as VAT from sales group by city order by VAT desc	3 row(s) returned	0.000 s
131	15:42:07	select customer_type, avg(vat) as VAT from sales group by customer_type ...	2 row(s) returned	0.000 s

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

- employees_mod
- pizzadb
- pizzadba
- purchase_info
- salesdatawalmart**
- Tables
- Views
- Stored Procedures
- Functions
- world

Administration Schemas

Information

Table: sales

Columns:

<u>invoice_id</u>	varchar(30)
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

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

customer_type
Normal
Member

sales 69 × Read Only Context Help Snippets

Action Output

#	Time	Action	Message
131	15:42:07	select customer_type, avg(vat) as VAT from sales group by customer_type ...	2 row(s) returned
132	15:42:19	Select distinct customer_type from sales	2 row(s) returned

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- employees_mod
- pizzadb
- pizzadba
- purchase_info
- salesdataawalmart**
- Tables
- sales
- Views
- Stored Procedures
- Functions

world

Administration Schemas

Table: sales

Columns:

invoice_id	varchar(30)	PK
branch	varchar(5)	
city	varchar(30)	
customer_type	varchar(30)	
gender	varchar(10)	
product_line	varchar(100)	
unit_price	decimal(10,4)	
quantity	int	
vat	float(6,4)	
total	decimal(12,4)	
date	datetime	
time	time	

Action Info Session

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

payment_method

- Credit card
- Ewallet
- Cash**

sales 70 × Read Only Context Help Snippets

Output:

Action Output

#	Time	Action	Message
132	15:42:19	Select distinct customer_type from sales	2 row(s) returned
133	15:42:30	Select distinct payment_method from sales	3 row(s) returned

SQLAdditions

Automatic context disabled. Use the toolbar to manually get help or toggle automatic.

```

253     from sales;
254
255  2) HOW MANY UNIQUE PAYMENT METHODS DOES THE DATA HAVE? ;
256
257  • Select
258      distinct payment_method
259      from
260      sales;
261
262  3) WHICH CUTOMER TYPES BUYS THE MOST? ;

```

SQL Workbench

Local instance MySQL80 ×

Edit View Query Database Server Tools Scripting Help

File Database Object Editor SQL Editor Results Log Session

Navigator

MAS

Tables

Views

Stored Procedures

Functions

Schemas

employees_mod

pizzadb

pizzadb

purchase_info

salesdatawalmart

Tables

Views

Stored Procedures

Functions

World

Session

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

customer_type cstm_cnt

Normal 496

Member 499

Result 71 ×

Output

Action Output

#	Time	Action	Message
133	15:42:30	Select distinct payment_method from sales	3 row(s) returned
134	15:42:42	Select customer_type , count(*) as cstm_cnt from sales group by customer...	2 row(s) returned

Automatic completion
disabled. Use the F11 key
manually get help
current caret position
toggle automatic completion

Context Help Snippets

The screenshot shows the MySQL Workbench interface. The top menu includes Local instance MySQL80, Edit, View, Query, Database, Server, Tools, Scripting, Help, and various icons. The left sidebar lists databases (MAS, salesdatawalmart), tables (employees_mod, pizzadb, purchase_info), and views (sales, Views, Stored Procedures, Functions). The main area has a query editor with two tabs: 'sales' and 'sales'. The first tab contains a query to find the most common customer type: 'Select customer_type , count(*) as cstm_cnt from sales group by customer_type;'. The second tab contains a query to find the gender of the most customers: 'Select distinct payment_method from sales;'. Below the queries are two Result Grids. The first grid shows the count of customer types: Normal (496) and Member (499). The second grid shows the distinct payment methods. A history panel at the bottom lists recent actions with their times and descriptions, such as selecting distinct payment methods and running the customer type count query.

The screenshot shows the MySQL Workbench interface. In the top menu bar, the 'Edit' and 'View' menus are highlighted. The main area displays a SQL query in the 'sales' tab:

```
268     group by customer_type;
269
270  4) WHAT IS THE GENDER OF THE MOST OF THE CUSTOMERS? ;
271
272  • select
273      gender,
274      count(*) as gender_cnt
275      from sales
276      group by gender
277      order by gender_cnt desc;
```

The result grid shows the following data:

gender	gender_cnt
Male	498
Female	497

A context help tooltip is displayed on the right side of the screen, stating: "Automatic context help disabled. Use the tool tips manually get help for current caret position toggle automatic help".

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

employees_mod
pizzadb
pizzadb
purchase_info
salesdatawalmart

Tables

sales

Views

Stored Procedures

Functions

world

Administration Schemas

Table: sales

Columns:

invoice_id	varchar(30)
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,4)
date	datetime
time	time

Session

Navigator

sales sales sales sales sales sales sales sales sales

SQLAdditions

Jump to

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Read Only | Context Help | Snippets

Result 73 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
135	15:42:55	select gender, count(*) as gender_cnt from sales group by gender order by...	2 row(s) returned	0.000 sec / 0.000
136	15:43:14	select gender, count(*) as gender_cnt from sales where branch = "A" grou...	2 row(s) returned	0.000 sec / 0.000

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- employees_mod
- pizzadb
- pizzadb
- purchase_info
- salesdatasawmarts**
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- sales
- Views
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- world

SQL Additions

289 ⑥) WHICH TIME OF THE DAY DO CUSTOMERS GIVE MOST RATINGS?;

```
290
291 • select
292     time_of_day,
293     avg(rating) as avg_rating
294     from sales
295     group by time_of_day
296     order by avg_rating desc;
```

297

298 ⑦) WHICH TIME OF THE DAY DO CUSTOMERS GIVES MOST RATING PER BRANCH ;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Read Only | Context Help | Snippets

Table: sales

Columns:

	time_of_day	avg_rating
▶	Afternoon	7.02340
	Morning	6.94474
	Evening	6.90536

Result 74 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
136	15:43:14	select gender, count(*) as gender_cnt from sales where branch = "A" group by gender	2 row(s) returned	0.000 sec / 0.000
137	15:43:33	select time_of_day, avg(rating) as avg_rating from sales group by time_of_day	3 row(s) returned	0.000 sec / 0.000

Object Info Session

kbench
instance MySQL80 ×

File Query Database Server Tools Scripting Help

Sales sales sales sales sales sales sales sales sales

SQLAdditions

Automatic completion disabled. Use F11 to manually get current caret position. Toggle auto.

298 2) WHICH TIME OF THE DAY DO CUSTOMERS GIVES MOST RATING PER BRANCH ;
299
300 • Select
301 time_of_day ,
302 avg(rating) as avg_rating
303 from sales
304 where branch="A"
305 group by time_of_day
306 order by avg_rating desc;
307

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

time_of_day	avg_rating
Afternoon	7.18889
Morning	7.00548
Evening	6.87143

Result 75 × Read Only Context Help Snip

Action Output

#	Time	Action	Message
137	15:43:33	select time_of_day, avg(rating) as avg_rating from sales group by time_of_...	3 row(s) returned
138	15:43:54	Select time_of_day , avg(rating) as avg_rating from sales where branch="A... 3 row(s) returned	

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- employees_mod
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Filter objects

sales sales sales sales sales sales sales sales sales sales

307
308
309 WHICH DAY OF THE WEEK HAS THE BEST AVG RATING ? ;
310
311 • select
312 day_name,
313 avg(rating) as avg_rating
314 from sales
315 group by day_name
316 order by avg_rating desc;

Administration Schemas

Information

Table: sales

Columns:

<u>invoice_id</u>	varchar(30) PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(10)
product_line	varchar(100)
unit_price	decimal(10,2)
quantity	int
vat	float(6,4)
total	decimal(12,2)
date	datetime
time	time

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

day_name	avg_rating
Monday	7.13065
Friday	7.05507
Tuesday	7.00316
Sunday	6.98864
Saturday	6.90183

Result 76 x

Action Output

#	Time	Action	Message
138	15:43:54	Select time_of_day , avg(rating) as avg_rating from sales where branch="A... 3 row(s) returned	
139	15:44:39	select day_name, avg(rating) as avg_rating from sales group by day_... 7 row(s) returned	

Object Info Session

database Server Tools Scripting Help

sales sales sales sales sales sales sales sales sales SQLAdditions

316 order by avg_rating desc;

317

318 ✘ 3) WHICH DAY OF THE WEEK HAS THE BEST AVERAGE RATING PER BRANCH?;

319 • Select

320 day_name,

321 avg(rating) as avg_rating

322 from sales

323 WHERE BRANCH ="B"

324 group by day_name

325 order by avg_rating desc;

Automatic context disabled. Use the manually get help current caret position toggle automatic

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Read Only | Context Help | Snippet

day_name	avg_rating
Monday	7.26579
Tuesday	7.00189
Sunday	6.79706
Thursday	6.75227
Saturday	6.73667

Result 77 ×

Output

Action Output

#	Time	Action	Message
139	15:44:39	select day_name, avg(rating) as avg_rating from sales group by day_...	7 row(s) returned
140	15:44:54	Select day_name, avg(rating) as avg_rating from sales WHERE BRA...	7 row(s) returned