

MySQL Workbench

Local instance MySQL80 - W... unconnected

File Edit View Query Database Server Tools Scripting Help

SQL SQL Editor Tables Views Stored Procedures

Navigator

SCHEMAS

Filter objects

► hr
► sakila
► sys
▼ walmart_sales

Tables
Views
Stored Procedures

Administration Schemas

Information

Schema: **walmart_sales**

Object Info Session Output

Ready

Extremely humid Now

Windows Taskbar icons: File Explorer, Search, Task View, Edge, File Manager, Mail, Google Chrome, Firefox, Microsoft Edge.

System tray icons: Network, Battery, ENG IN, Wi-Fi, Volume, Date/Time (29-04-2025).

SQL Editor:

```
1 • CREATE DATABASE IF NOT EXISTS Walmart_Sales;
```

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

SQL SQL Editor Tables Foreign Keys Triggers Scripts

Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

Columns Indexes Foreign Keys Triggers

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(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,

Object Info Session

hr_database SQL File 3*

CREATE TABLE IF NOT EXISTS sales(
 invoice_id VARCHAR(30) NOT NULL PRIMARY KEY,
 branch VARCHAR(5) NOT NULL,
 city VARCHAR(30) NOT NULL,
 customer_type VARCHAR(30) NOT NULL,
 gender VARCHAR(30) NOT NULL,
 product_line VARCHAR(100) NOT NULL,
 unit_price DECIMAL(10,2) NOT NULL,
 quantity INT NOT NULL,
 tax_pct FLOAT(6,4) NOT NULL,
 total DECIMAL(12, 4) NOT NULL,
 date DATETIME NOT NULL,
 time TIME NOT NULL,
 payment VARCHAR(15) NOT NULL,
 cogs DECIMAL(10,2) NOT NULL,
 gross_margin_pct FLOAT(11,9),
 gross_income DECIMAL(12, 4),
 rating FLOAT(2, 1)
);

Output

Query Completed

Extremely humid Now

Windows Search File Explorer Mail 99+ Google Firefox Microsoft Edge

^ Cloud ENG IN WiFi Battery 08:10 29-04-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

walmart_sales

Tables

sales

- Select Rows - Limit 1000
- Table Inspector
- Copy to Clipboard
- Table Data Export Wizard
- Table Data Import Wizard
- Send to SQL Editor
- Create Table...
- Create Table Like...
- Alter Table...
- Table Maintenance...
- Drop Table...
- Truncate Table...
- Search Table Data...
- Refresh All

Object Info Session

CREATE TABLE IF NOT EXISTS sales(
 invoice_id VARCHAR(30) NOT NULL PRIMARY KEY,
 branch VARCHAR(5) NOT NULL,
 city VARCHAR(30) NOT NULL,
 customer_type VARCHAR(30) NOT NULL,
 gender VARCHAR(30) NOT NULL,
 product_line VARCHAR(100) NOT NULL,
 unit_price DECIMAL(10,2) NOT NULL,
 quantity INT NOT NULL,
 tax_pct FLOAT(6,4) NOT NULL,
 total DECIMAL(12, 4) NOT NULL,
 date DATETIME NOT NULL,
 time TIME NOT NULL,
 payment VARCHAR(15) NOT NULL,
 cogs DECIMAL(10,2) NOT NULL,
 gross_margin_pct FLOAT(11,9),
 gross_income DECIMAL(12, 4),
 rating FLOAT(2, 1)
);

Output

Query Completed

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System tray icons: Battery, ENG IN, Wi-Fi, Volume, Date/Time: 29-04-2025.

Table Data Import

Import Results

File C:\Users\KRITIKA GOYAL(KITTU)\OneDrive\Desktop\intern\task 6\WalmartSalesData.csv.csv was imported in 9.275 s

Table walmart_sales.sales has been used

995 records imported



Administration S

Information ::

Table: sales

Columns:

invoice_id
branch
city
customer_t
gender
product_l
unit_price
quantity
tax_pct
total
date
time
payment
cogs
gross_marg
gross_incom

Object Info Sess

Query Completed

< Back Finish Cancel

2 Extremely humid
Now



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Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

- Columns
- Indexes
- Foreign Keys
- Triggers

Administration Schemas

Information

Table: sales

Columns:

	invoice_id	branch	city	customer_type	gender	product_line	unit_price	quantity	tax_pct	total	date	time	payment	cog
PK	varchar(30)	varchar(5)	varchar(30)	varchar(30)	Male	Food and beverages	45.79	7	16.0265	336.5565	2019-03-13 00:00:00	19:44:00	Credit card	320.
	101-17-6199	A	Yangon	Normal	Female	Health and beauty	62.82	2	6.2820	131.9220	2019-01-17 00:00:00	12:36:00	Ewallet	125.
	101-81-4070	C	Naypyitaw	Member	Male	Sports and travel	25.25	5	6.3125	132.5625	2019-03-20 00:00:00	17:52:00	Cash	126.
	102-06-2002	C	Naypyitaw	Member	Male	Health and beauty	65.31	7	22.8585	480.0285	2019-03-05 00:00:00	18:02:00	Credit card	457.
	102-77-2261	C	Naypyitaw	Member	Male	Fashion accessories	21.48	2	2.1480	45.1080	2019-02-27 00:00:00	12:22:00	Ewallet	42.9
	105-10-6182	A	Yangon	Member	Male	Sports and travel	69.52	7	24.3320	510.9720	2019-02-01 00:00:00	15:10:00	Credit card	486.
	105-31-1824	A	Yangon	Member	Male	Home and lifestyle	44.34	2	4.4340	93.1140	2019-03-27 00:00:00	11:26:00	Cash	88.6
	106-35-6779	A	Yangon	Member	Male	Food and beverages	27.61	6	16.5666	614.0420	2019-01-07 00:00:00	15:01:00	Ewallet	505.

Object Info Session

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: sales 4 x Apply

Output

Query Completed

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

Table: sales

Columns:

invoice_id	varchar(30) PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12

Object Info Session

SQL File 3*

hr_database

```
1 SELECT time,
2   (CASE
3     WHEN `time` BETWEEN "00:00:00" AND "12:00:00" THEN "Morning"
4     WHEN `time` BETWEEN "12:01:00" AND "16:00:00" THEN "Afternoon"
5     ELSE "Evening"
6   END)
7   AS time_of_day FROM sales;
```

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

time	time_of_day
19:44:00	Evening
12:36:00	Afternoon
17:52:00	Evening
18:02:00	Evening
12:22:00	Afternoon
15:10:00	Afternoon
11:26:00	Morning
15:01:00	Afternoon
11:26:00	Morning

Result 5 X

Output

Query Completed

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Local instance MySQL80 - W... unconnected

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Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

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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(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12

Object Info Session

SQL File 3*

```
1 • ALTER TABLE sales ADD COLUMN time_of_day VARCHAR(20);
2 • UPDATE sales
3 • SET time_of_day = (
4 •     CASE
5 •         WHEN `time` BETWEEN "00:00:00" AND "12:00:00" THEN "Morning"
6 •         WHEN `time` BETWEEN "12:01:00" AND "16:00:00" THEN "Afternoon"
7 •         ELSE "Evening"
8 •     END
9 • );
10 -- Add day_name column
11 • SELECT date, DAYNAME(date) FROM sales;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 6 × Read Only

	date	DAYNAME(date)
▶	2019-03-13 00:00:00	Wednesday
	2019-01-17 00:00:00	Thursday
	2019-03-20 00:00:00	Wednesday
	2019-03-05 00:00:00	Tuesday
	2019-02-27 00:00:00	Wednesday
	2019-02-01 00:00:00	Friday
	2019-03-27 00:00:00	Wednesday
	2019-01-07 00:00:00	Monday
	2019-02-14 00:00:00	Thursday

Output

Query Completed

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MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

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Administration Schemas

Information

Table: sales

Columns:

	Column Name	Type	Properties
1	invoice_id	varchar(30)	PK
2	branch	varchar(5)	
3	city	varchar(30)	
4	customer_type	varchar(30)	
5	gender	varchar(30)	
6	product_line	varchar(100)	
7	unit_price	decimal(10,	
8	quantity	int	
9	tax_pct	float(6,4)	
10	total	decimal(12,	
11	date	datetime	
12	time	time	
13	payment	varchar(15)	
14	cogs	decimal(10,	
15	gross_margin_pct	float(11,9)	
16	gross_income	decimal(12	

Object Info Session

SQL File 3*

hr_database

```
1 • ALTER TABLE sales ADD COLUMN day_name VARCHAR(10);
2 UPDATE sales
3 SET day_name = DAYNAME(date);
4 -- Add month_name column
5 • SELECT date, MONTHNAME(date) FROM sales;
```

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

date	MONTHNAME(date)
2019-03-13 00:00:00	March
2019-01-17 00:00:00	January
2019-03-20 00:00:00	March
2019-03-05 00:00:00	March
2019-02-27 00:00:00	February
2019-02-01 00:00:00	February
2019-03-27 00:00:00	March
2019-01-07 00:00:00	January
2019-02-14 00:00:00	February
2019-03-25 00:00:00	March
2019-01-29 00:00:00	January
2019-02-07 00:00:00	February
2019-03-30 00:00:00	March

Result 7 ×

Output

Query Completed

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MySQL Workbench

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SCHEMAS

Filter objects

walmart_sales

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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(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12

Object Info Session

SQL File 3*

hr_database

```
1 -- How many unique cities does the data have?  
2 SELECT DISTINCT city FROM sales;
```

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

city
Yangon
Naypyitaw
Mandalay

sales 8 x Read Only

Output

Query Completed

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MySQL Workbench

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Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

Columns
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Triggers

Administration Schemas

Information

Table: sales

Columns:

	city	branch
▶	Yangon	A
	Naypyitaw	C
	Mandalay	B

Object Info Session

Query Completed

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Result Grid Filter Rows: Export: Wrap Cell Content: sales 9 × Read Only

Output

hr_database SQL File 3*

1 -- In which city is each branch?

2 SELECT DISTINCT city, branch FROM sales;

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MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

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Administration Schemas

Information

Table: sales

Columns:

	product_line
▶	Food and beverages
▶	Health and beauty
▶	Sports and travel
▶	Fashion accessories
▶	Home and lifestyle
▶	Electronic accessories

Object Info Session

Query Completed

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Result Grid Filter Rows: Export: Wrap Cell Content: sales 10 × Read Only

Output

SQL File 3*

```
1 -- How many unique product lines does the data have?
2 • SELECT DISTINCT product_line FROM sales;
```

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MySQL Workbench

Local instance MySQL80 - W... unconnected

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
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Administration Schemas

Information

Table: sales

Columns:

	qty	product_line
▶	961	Electronic accessories
	952	Food and beverages
	911	Home and lifestyle
	902	Sports and travel
	902	Fashion accessories
	844	Health and beauty

Result Grid Filter Rows: Export: Wrap Cell Content: Result 11 x Read Only

Output:

Query Completed

28°C Partly sunny

Windows Taskbar icons: File Explorer, Search, Task View, Edge, File Manager, Mail, Google Chrome, Firefox, Microsoft Edge, Task View, ENG IN, WiFi, Battery, 08:13, 29-04-2025

The screenshot shows the MySQL Workbench interface with the following details:

- Top Bar:** MySQL Workbench, Local instance MySQL80 - W..., unconnected.
- Menu Bar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Toolbar:** Includes icons for Home, New, Open, Save, Import, Export, Run, Stop, and Refresh.
- Navigator:** Shows the **SCHEMAS** section with **walmart_sales** selected. Under **walmart_sales**, there is a **Tables** section with **sales** selected, showing options for Columns, Indexes, Foreign Keys, and Triggers.
- Current Database:** hr_database
- SQL Editor:** SQL File 3* contains the following query:

```
1 -- What is the total revenue by month
2 • SELECT
3     MONTHNAME(date) AS month,
4     SUM(total) AS total_revenue
5 FROM sales
6 GROUP BY MONTHNAME(date)
7 ORDER BY total_revenue;
```
- Result Grid:** Displays the results of the query in a tabular format.

month	total_revenue
February	95727.3765
March	108867.1500
January	116291.8680
- Status Bar:** Ready, Read Only, 28°C, Partly sunny, 08:19, 29-04-2025.

MySQL Workbench

Local instance MySQL80 - W... unconnected

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
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Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

hr_database SQL File 3*

```
1 -- What month had the largest COGS?
2 SELECT
3     MONTHNAME(date) AS month,
4     SUM(cogs) AS cogs
5 FROM sales
6 GROUP BY MONTHNAME(date)
7 ORDER BY cogs;
```

Result Grid

month	cogs
February	91168.93
March	103683.00
January	110754.16

Result 14 x Read Only

Object Info Session Output

Query Completed

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MySQL Workbench

Local instance MySQL80 - W... unconnected

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

walmart_sales

Tables

sales

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Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

hr_database SQL File 3*

```
1 -- What product line had the largest revenue?
2 SELECT
3     product_line,
4     SUM(total) as total_revenue
5 FROM sales
6 GROUP BY product_line
7 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
Health and beauty	48854.3790

Result 15 x Read Only

Object Info Session Output

Query Completed

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System tray icons: Volume, Network, Battery, Date/Time (08:19, 29-04-2025).

MySQL Workbench

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Navigator

SCHEMAS

walmart_sales

Tables

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Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the city with the largest revenue?

```
1 SELECT
2     branch,
3     city,
4     SUM(total) AS total_revenue
5 FROM sales
6 GROUP BY city, branch
7 ORDER BY total_revenue;
```

Result Grid

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

Result 16 x Read Only

Object Info Session Output

Query Completed

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MySQL Workbench

Local instance MySQL80 - W... unconnected

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SCHEMAS

walmart_sales

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Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What product line had the largest VAT?

```
1 -- What product line had the largest VAT?
2 SELECT
3     product_line,
4     AVG(tax_pct) as avg_tax
5 FROM sales
6 GROUP BY product_line
7 ORDER BY avg_tax DESC;
```

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

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
Fashion accessories	14.52806181

Result 17 x Read Only

Object Info Session Output

Query Completed

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MySQL Workbench

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Filter objects

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Information

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product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

hr_database SQL File 3*

1 • SELECT AVG(quantity) AS avg_qty FROM sales;

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

avg_qty
5.4995

Result 18 x Read Only

Object Info Session Output

Query Completed

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Local instance MySQL80 - W... unconnected

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Administration Schemas

Information

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city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- Fetch each product line and add a column to those product line showing "Good", "Bad". Good if its greater than average sales

1 -- Fetch each product line and add a column to those product line showing "Good", "Bad". Good if its greater than average sales

2 • SELECT

3 product_line,

4 CASE

5 WHEN AVG(quantity) > 6 THEN "Good"

6 ELSE "Bad"

7 END AS remark

8 FROM sales

9 GROUP BY product_line;

Result Grid Filter Rows: Export: Wrap Cell Content:

product_line	remark
Food and beverages	Bad
Health and beauty	Bad
Sports and travel	Bad
Fashion accessories	Bad
Home and lifestyle	Bad
Electronic accessories	Bad

Result 19 x Read Only

Object Info Session

Output

Query Completed

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Local instance MySQL80 - W... unconnected

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SCHEMAS

walmart_sales

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Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- Which branch sold more products than average product sold?

```
1 SELECT
2     branch,
3     SUM(quantity) AS qnty
4 FROM sales
5 GROUP BY branch
6 HAVING SUM(quantity) > (SELECT AVG(quantity) FROM sales);
```

Result Grid

branch	qnty
A	1849
C	1828
B	1795

Result 20 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the most common product line by gender

```
1 SELECT
2     gender,
3     product_line,
4     COUNT(gender) AS total_cnt
5 FROM sales
6 GROUP BY gender, product_line
7 ORDER BY total_cnt DESC;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 21 x Read Only

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
Male	Food and beverages	84
Female	Electronic accessories	83
Male	Fashion accessories	82
Male	Home and lifestyle	81

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

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Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the average rating of each product line

1 SELECT

2 ROUND(AVG(rating), 2) as avg_rating,

3 product_line

4 FROM sales

5 GROUP BY product_line

6 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
6.84	Home and lifestyle

Result 22 x Read Only

Object Info Session

Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

- Columns
- Indexes
- Foreign Keys
- Triggers

Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

Result Grid Filter Rows: Export: Wrap Cell Content:

customer_type
Normal
Member

sales 23

Read Only

Object Info Session

Output

Query Completed

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Navigator

SCHEMAS

Filter objects

walmart_sales

Tables

sales

- Columns
- Indexes
- Foreign Keys
- Triggers

Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

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

payment

- Credit card
- Ewallet
- Cash

sales 24

Read Only

Object Info Session

Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the most common customer type?

1 SELECT
2 customer_type,
3 count(*) as count
4 FROM sales
5 GROUP BY customer_type
6 ORDER BY count DESC;

Result Grid Filter Rows: Export: Wrap Cell Content:

customer_type	count
Member	499
Normal	496

Result 25 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- Which customer type buys the most?

```
1  SELECT
2      customer_type,
3      COUNT(*)
4  FROM sales
5  GROUP BY customer_type;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

customer_type	COUNT(*)
Normal	496
Member	499

Result 26 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the gender of most of the customers?

```
1 SELECT
2     gender,
3     COUNT(*) as gender_cnt
4 FROM sales
5 GROUP BY gender
6 ORDER BY gender_cnt DESC;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

gender	gender_cnt
Male	498
Female	497

Result 27 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- What is the gender distribution per branch?

```
1 SELECT
2     gender,
3     COUNT(*) as gender_cnt
4 FROM sales
5 WHERE branch = "C"
6 GROUP BY gender
7 ORDER BY gender_cnt DESC;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

gender	gender_cnt
Female	177
Male	150

Result 28 x Read Only

Object Info Session Output

Query Completed

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SCHEMAS

walmart_sales

Tables

sales

Columns
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Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- Which time of the day do customers give most ratings?

```
1 SELECT
2     time, AVG(rating) AS avg_rating
3 FROM sales
4 GROUP BY time
5 ORDER BY avg_rating DESC;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 29 X

time	avg_rating
15:18:00	9.90000
17:48:00	9.90000
14:45:00	9.90000
15:39:00	9.80000
17:34:00	9.80000
20:30:00	9.80000
19:05:00	9.70000
12:34:00	9.70000
10:46:00	9.70000

Object Info Session Output

Query Completed

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SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

1 • SELECT
2 time, AVG(rating) AS avg_rating
3 FROM sales
4 WHERE branch = "A"
5 GROUP BY time
6 ORDER BY avg_rating DESC;

Result Grid Filter Rows: Export: Wrap Cell Content:

	time	avg_rating
▶	17:26:00	9.90000
	16:44:00	9.90000
	12:50:00	9.90000
	17:48:00	9.90000
	11:15:00	9.90000
	13:58:00	9.90000
	11:30:00	9.90000
	13:53:00	9.80000
	15:39:00	9.80000

Result 30 X Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

Columns
Indexes
Foreign Keys
Triggers

Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

SQL File 3* hr_database

```
1 -- Which of the customer types brings the most revenue?
2 SELECT customer_type, SUM(total) AS total_revenue
3 FROM sales
4 GROUP BY customer_type
5 ORDER BY total_revenue;
```

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

customer_type	total_revenue
Normal	157261.2930
Member	163625.1015

Result 33 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

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Triggers

Administration Schemas

Information

invoice_id PK
branch varchar(5)
city varchar(30)
customer_type varchar(30)
gender varchar(30)
product_line varchar(100)
unit_price decimal(10,
quantity int
tax_pct float(6,4)
total decimal(12,
date datetime
time time
payment varchar(15)
cogs decimal(10,
gross_margin_pct float(11,9)
gross_income decimal(12,
rating float(2,1)

hr_database SQL File 3*

-- Which city has the largest tax/VAT percent?
SELECT city, ROUND(AVG(tax_pct), 2) AS avg_tax_pct
FROM sales
GROUP BY city
ORDER BY avg_tax_pct DESC;

Result Grid Filter Rows: Export: Wrap Cell Content:

city	avg_tax_pct
Naypyitaw	16.09
Mandalay	15.13
Yangon	14.87

Result 34 x Read Only

Object Info Session Output

Query Completed

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Navigator

SCHEMAS

walmart_sales

Tables

sales

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Triggers

Administration Schemas

Information

invoice_id	PK
branch	varchar(5)
city	varchar(30)
customer_type	varchar(30)
gender	varchar(30)
product_line	varchar(100)
unit_price	decimal(10,
quantity	int
tax_pct	float(6,4)
total	decimal(12,
date	datetime
time	time
payment	varchar(15)
cogs	decimal(10,
gross_margin_pct	float(11,9)
gross_income	decimal(12,
rating	float(2,1)

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

customer_type	total_tax
Normal	15.09805040
Member	15.61457214

Result 35 x Read Only

Object Info Session Output

Query Completed

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System tray icons: Network, Battery, Volume, Language (ENG IN), Date/Time (29-04-2025).