

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parks_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

Query 1

```
1 • CREATE DATABASE ecommerce_db;
2 • USE ecommerce_db;
3
4 • CREATE TABLE amazon_sales (
5     id INT PRIMARY KEY,
6     order_id VARCHAR(50),
7     order_date DATE,
8     status VARCHAR(100),
9     fulfilment VARCHAR(50),
10    sales_channel VARCHAR(50),
11    ship_service_level VARCHAR(50),
12    style VARCHAR(100),
13    sku VARCHAR(100),
14    category VARCHAR(100),
15    size VARCHAR(50),
16    asin VARCHAR(20),
17    courier_status VARCHAR(100),
18    qty INT,
19    currency VARCHAR(10),
20    amount DECIMAL(10,2),
21    ship_city VARCHAR(100),
22    ship_state VARCHAR(100),
23    ship_postal_code VARCHAR(20),
24    ship_country VARCHAR(50),
25    promotion_ids TEXT,
26    b2b VARCHAR(50),
27    fulfilled_by VARCHAR(50)
28 );
```

Output

#	Time	Action	Message	Duration / Fetch
✓ 10	02:07:05	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
✗ 11	02:08:05	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n'	Error Code: 1292. Incorrect date value: '04-30-22' for column 'order_date' at row 1	0.000 sec
✗ 12	02:09:16	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n'	Error Code: 1054. Unknown column 'product_name' in 'field list'	0.000 sec
✓ 13	02:09:44	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
✗ 14	02:10:11	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n'	Error Code: 1411. Incorrect datetime value: '171-9196151-1101146' for function str_to_date	0.000 sec
✗ 15	02:12:39	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n'	Error Code: 1411. Incorrect datetime value: '1' for function str_to_date	0.000 sec
✓ 16	02:14:10	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
✓ 17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n'	32338 row(s) affected Records: 32338 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec

Object Info Session

Windows Taskbar: File Explorer, Mail, Calendar, Teams, Edge, Spotify, MySQL Workbench

System Tray: ENG US, 02:18:35 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

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- parkes_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

```
31
32
33 • SHOW VARIABLES LIKE 'secure_file_priv';
34
35 • SET GLOBAL local_infile = 1;
36
37 • SHOW COLUMNS FROM amazon_sales;
38
39
40 • LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv'
41 INTO TABLE amazon_sales
42 FIELDS TERMINATED BY ','
43 ENCLOSED BY '"'
44 LINES TERMINATED BY '\n'
45 IGNORE 1 ROWS
46 (
47     id,
48     order_id,
49     @order_date_str,
50     status,
51     fulfilment,
52     sales_channel,
53     ship_service_level,
54     style,
```

Output

#	Time	Action	Message	Duration / Fetch
✓ 10	02:07:05	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
✗ 11	02:08:05	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1292. Incorrect date value: '04-30-22' for column 'order_date' at row 1	0.000 sec
✗ 12	02:09:16	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1054. Unknown column 'product_name' in 'field list'	0.000 sec
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✗ 14	02:10:11	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1411. Incorrect datetime value: '171-9196151-1101146' for function str_to_date	0.000 sec
✗ 15	02:12:39	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1411. Incorrect datetime value: '1' for function str_to_date	0.000 sec
✓ 16	02:14:10	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
✓ 17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	32338 row(s) affected Records: 32338 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec

Object Info Session

02:19:54 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

SCHEMAS

Filter objects

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Administration Schemas

Information

No object selected

```
40 • LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv'
41 INTO TABLE amazon_sales
42 FIELDS TERMINATED BY ','
43 ENCLOSED BY '"'
44 LINES TERMINATED BY '\n'
45 IGNORE 1 ROWS
46 (
47     id,
48     order_id,
49     @order_date_str,
50     status,
51     fulfilment,
52     sales_channel,
53     ship_service_level,
54     style,
55     sku,
56     category,
57     size,
58     asin,
59     courier_status,
60     @qty_str,
61     currency,
62     @amount_str,
63     ship_city,
```

Output

#	Time	Action	Message	Duration / Fetch
✓ 10	02:07:05	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
✗ 11	02:08:05	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1292. Incorrect date value: '04-30-22' for column 'order_date' at row 1	0.000 sec
✗ 12	02:09:16	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	Error Code: 1054. Unknown column 'product_name' in 'field list'	0.000 sec
✓ 13	02:09:44	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
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✓ 16	02:14:10	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
✓ 17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMI...	32338 row(s) affected Records: 32338 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec

Object Info Session

02:20:16 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

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- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parks_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

```
58     asin,
59     courier_status,
60     @qty_str,
61     currency,
62     @amount_str,
63     ship_city,
64     ship_state,
65     ship_postal_code,
66     ship_country,
67     promotion_ids,
68     @b2b_str,
69     fulfilled_by
70 )
71 SET
72     order_date = STR_TO_DATE(@order_date_str, '%m-%d-%y'),
73     qty = CAST(@qty_str AS UNSIGNED),
74     amount = CAST(@amount_str AS DECIMAL(10,2)),
75     b2b = CASE
76         WHEN LOWER(@b2b_str) IN ('yes', 'true', '1') THEN 1
77         ELSE 0
78     END;
79
80
81
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	02:07:05	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
11	02:08:05	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' (Error Code: 1292. Incorrect date value: '04-30-22' for column 'order_date' at row 1)	Error Code: 1292. Incorrect date value: '04-30-22' for column 'order_date' at row 1	0.000 sec
12	02:09:16	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' (Error Code: 1054. Unknown column 'product_name' in 'field list')	Error Code: 1054. Unknown column 'product_name' in 'field list'	0.000 sec
13	02:09:44	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
14	02:10:11	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' (Error Code: 1411. Incorrect datetime value: '171-9196151-1101146' for function str_to_date)	Error Code: 1411. Incorrect datetime value: '171-9196151-1101146' for function str_to_date	0.000 sec
15	02:12:39	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' (Error Code: 1411. Incorrect datetime value: '1' for function str_to_date)	Error Code: 1411. Incorrect datetime value: '1' for function str_to_date	0.000 sec
16	02:14:10	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' (32238 row(s) affected; Records: 32238 Deleted: 0 Skipped: 0 Warnings: 0)	32238 row(s) affected; Records: 32238 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec

Object Info Session

ENG US 02:20:27 AM 11-08-2025

MySQL Workbench

ecommerce_sales

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

Query 1

Limit to 1000 rows

SCHEMAS

Filter objects

college

company

crm

ecommerce_db

Tables

Views

Stored Procedures

Functions

parks_and_recreation

sakila

sys

world

fulfilled_by

)

SET

order_date = STR_TO_DATE(@order_date_str, '%m-%d-%y'),

qty = CAST(@qty_str AS UNSIGNED),

amount = CAST(@amount_str AS DECIMAL(10,2)),

b2b = CASE

WHEN LOWER(@b2b_str) IN ('yes', 'true', '1') THEN 1

ELSE 0

END;

80 • SELECT * FROM amazon_sales;

81

82

83

AdministrationSchemas

Information

No object selected

Result Grid

Filter Rows

Edit

Export/Import

Wrap Cell Contents

Fetch rows

	id	order_id	order_date	status	fulfilment	sales_channel	ship_service_level	style	sku	category	size	asin	courier_status	qty	currency	amount	ship_city	ship_state	ship_postal_code	ship_coun
▶	1	171-9198151-1101146	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3781	JNE3781-KR-XXXL	kurta	3XL	B09K3WFS32	Shipped	1	INR	405.00	BENGALURU	KARNATAKA	560085	IN
	7	406-7807733-3785945	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3405	JNE3405-KR-S	kurta	S	B081VWX4G4Q	Shipped	1	INR	399.00	HYDERABAD	TELANGANA	500032	IN
	12	405-5513694-8146768	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3405	JNE3405-KR->S	kurta	XS	B081XCMYXJ	Shipped	1	INR	399.00	Amravati	MAHARASHTRA	444606	IN
	14	408-1298370-1920302	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0351	J0351-SET-L	Set	L	B09C5SQY4F	Shipped	1	INR	771.00	MUMBAI	MAHARASHTRA	400053	IN
	15	403-4965581-9520319	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	PJNE3368	PJNE3368-KR-6XL	kurta	6XL	B09PY99SVJ	Shipped	1	INR	544.00	GLNTAKAL	ANDHRA PRADESH	515801	IN
	18	402-4030358-5835511	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3697	JNE3697-KR-XXL	kurta	XXL	B09G133PV5	Shipped	1	INR	458.00	Gurgaon	HARYANA	122004	IN
	25	405-8191138-5176316	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	NW030	NW030-TP-PJ-XS	Set	XS	B09GZQRQSRZ	Shipped	1	INR	582.00	RANCHI	JHARKHAND	834002	IN
	26	403-9230474-9657916	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3415	JNE3415-KR-XXXL	kurta	3XL	B082W8JXJ9	Shipped	1	INR	299.00	BILASPUR	CHHATTISGARH	495001	IN
	32	404-9632124-1107530	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0011	J0011-L-CD-M	Set	M	B08B3YNJG5	Shipped	1	INR	1233.00	VISAKHAPATNAM	ANDHRA PRADESH	530016	IN
	33	402-1465437-0579536	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3766	JNE3766-KR-M	kurta	M	B09K3XR43V	Shipped	1	INR	517.00	JEPPIUR	ODISHA	764001	IN
	35	402-2764952-1492310	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	MEN5001	MEN5001-KR-XL	kurta	XL	B08YTRH2Q6	Shipped	1	INR	499.00	LUCKNOW	UTTAR PRADESH	226016	IN
	42	406-7398201-3869914	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE2153	JNE2153-KR-278...	kurta	M	B0794YR8SH	Shipped	1	INR	424.00	MUMBAI	MAHARASHTRA	400092	IN
	49	171-9208368-0157156	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3405	JNE3405-KR-M	kurta	M	B081VWVMCY	Shipped	1	INR	399.00	KEJWALPUR	UTTAR PRADESH	271881	IN
	60	171-2592464-6846743	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	NW005	NW005-ST-PJ-XL	Set	XL	B0922WJ27J	Shipped	1	INR	599.00	BENGALURU	KARNATAKA	560023	IN
	70	405-9666506-3155561	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3768	JNE3768-KR-L-M	kurta	M	B07L7E9754	Shipped	1	INR	606.00	CHENNAI	TAMIL NADU	600041	IN

amazon_sales 5

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 16	02:14:10	SHOW COLUMNS FROM amazon_sales	23 row(s) returned	0.000 sec / 0.000 sec
✓ 17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES STARTING BY 1 ENDS BY 1	32338 row(s) affected Records: 32338 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec
✓ 18	02:21:35	SELECT * FROM amazon_sales LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

Result Grid

Form Editor

Field Types

Query Stats

ENG US

02:22:10 AM 11-08-2025

MySQL Workbench

ecommerce_sales

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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Query 1

```
-- Total sales per category (only Shipped orders)

SELECT category, SUM(amount) AS total_sales
FROM amazon_sales
WHERE status LIKE 'Shipped%'
GROUP BY category
ORDER BY total_sales DESC;
```

Result Grid

	category	total_sales
▶	Set	9856764.00
	kurta	5206451.00
	Western Dress	4260328.00
	Top	1052679.00
	Ethnic Dress	177592.00
	Blouse	92661.00
	Bottom	53465.00
	Saree	19925.00

Information

No object selected

Result 6

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 17	02:17:13	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/AmazonSaleReportClean.csv' INTO TABLE amazon_sales FIELDS TERMINATED BY ',' ESCAPED BY '\\' LINES TERMINATED BY '\n' IGNORE 1 LINES	32338 row(s) affected Records: 32338 Deleted: 0 Skipped: 0 Warnings: 0	1.516 sec
✓ 18	02:21:35	SELECT * FROM amazon_sales LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 19	02:25:18	SELECT category, SUM(amount) AS total_sales FROM amazon_sales WHERE status LIKE 'Shipped%' GROUP BY category ORDER BY total_sales DESC	8 row(s) returned	0.047 sec / 0.000 sec

Object Info Session

ENG US 02:26:29 AM 11-08-2025

MySQL Workbench

ecommerce_sales

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Navigator

SCHEMAS

Filter objects

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- sakila
- sys
- world

Query 1

```
89
90 -- Number of orders per city
91
92 • SELECT ship_city, COUNT(*) AS total_orders
93 FROM amazon_sales
94 GROUP BY ship_city
95 ORDER BY total_orders DESC;
96
97
98
99
100
101
```

Administration Schemas

Information

No object selected

Result Grid

ship_city	total_orders
BENGALURU	2709
HYDERABAD	2123
MUMBAI	1741
NEW DELHI	1602
CHENNAI	1426
PUNE	1114
KOLKATA	670
LUCKNOW	441
GURUGRAM	430
THANE	427
noide	397
Ahmedabad	395
SHAZIABAD	373
NAVI MUMBAI	348
bangalore	293
1&1PUD	287

Result 7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 18	02:21:35	SELECT * FROM amazon_sales LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 19	02:25:18	SELECT category, SUM(amount) AS total_sales FROM amazon_sales WHERE status LIKE 'Shipped%' GROUP BY category ORDER BY total_sales D...	8 row(s) returned	0.047 sec / 0.000 sec
✓ 20	02:27:21	SELECT ship_city, COUNT(*) AS total_orders FROM amazon_sales GROUP BY ship_city ORDER BY total_orders DESC LIMIT 0, 1000	1000 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

Read Only

Result Grid
Form Editor
Field Types
Query Stats

ENG US 02:27:58 AM 11-08-2025

MySQL Workbench

ecommerce_sales

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Navigator

SCHEMAS

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- sys
- world

Query 1

```
L03
L04 • SELECT order_id, order_date, qty, amount
L05 FROM amazon_sales
L06 WHERE amount > 100
L07 ORDER BY amount DESC;
L08
L09
L10
L11
L12
L13
L14
```

Administration Schemas

Information

No object selected

Result Grid

	order_id	order_date	qty	amount
▶	403-4106553-1691525	2022-04-23	5	5495.00
	408-3363121-6123562	2022-04-06	4	2860.00
	405-6877720-7865168	2022-05-07	4	2796.00
	403-2726196-9752350	2022-06-02	1	2598.00
	405-5657207-4685151	2022-05-26	1	2598.00
	402-0603541-4663511	2022-05-16	1	2598.00
	405-0207843-8044301	2022-05-15	1	2598.00
	408-0398992-2545935	2022-05-08	1	2442.00
	405-3360895-1639546	2022-05-08	1	2442.00
	404-6473659-6980300	2022-05-11	2	2372.00
	402-2808579-1697143	2022-05-04	2	2372.00
	403-2895516-9774723	2022-05-18	2	2372.00
	171-6011215-7144350	2022-05-20	2	2372.00
	405-9717793-9875550	2022-06-28	2	2326.00
	408-403094-0447552	2022-05-03	1	2299.00
	406-1124784-1047050	2022-04-18	2	2212.00

amazon_sales 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
24	02:32:44	SELECT s.order_id, s.sku, p.brand, s.amount FROM amazon_sales s INNER JOIN product_info p ON s.sku = p.sku LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25	02:34:17	DROP TABLE product_info	0 row(s) affected	0.015 sec
26	02:35:27	SELECT order_id, order_date, qty, amount FROM amazon_sales WHERE amount > 100 ORDER BY amount DESC LIMIT 0, 1000	1000 row(s) returned	0.032 sec / 0.000 sec

Object Info Session

Read Only

Result Grid
Form Editor
Field Types
Query Stats

ENG US 02:35:35 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parke_and_recreation
- sakila
- sys
- world

```
L03
L04
L05  -- TOTAL SALES PER DATE
L06
L07 • SELECT order_date, SUM(amount) AS total_sales
L08 FROM amazon_sales
L09 GROUP BY order_date
L10 ORDER BY order_date;
L11
L12
L13
L14
```

Administration Schemas

Information

No object selected

Result Grid

	order_date	total_sales
▶	2022-03-31	10797.00
	2022-04-01	159098.00
	2022-04-02	154924.00
	2022-04-03	198900.00
	2022-04-04	192028.00
	2022-04-05	205310.00
	2022-04-06	216644.00
	2022-04-07	212621.00
	2022-04-08	211414.00
	2022-04-09	218266.00
	2022-04-10	293559.00
	2022-04-11	303193.00
	2022-04-12	264132.00
	2022-04-13	256164.00
	2022-04-14	275614.00
	2022-04-15	234170.00

Result 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 25	02:34:17	DROP TABLE product_info	0 row(s) affected	0.015 sec
✓ 26	02:35:27	SELECT order_id, order_date, qty, amount FROM amazon_sales WHERE amount > 100 ORDER BY amount DESC LIMIT 0, 1000	1000 row(s) returned	0.032 sec / 0.030 sec
✓ 27	02:36:19	SELECT order_date, SUM(amount) AS total_sales FROM amazon_sales GROUP BY order_date ORDER BY order_date LIMIT 0, 1000	91 row(s) returned	0.047 sec / 0.030 sec

Object Info Session

Read Only

Result Grid
Form Editor
Field Types
Query Stats

ENG US 02:36:30 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parkes_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

```
L11
L12
L13  -- JOINS
L14
L15 • CREATE TABLE products (
L16     product_id INT PRIMARY KEY,
L17     product_name VARCHAR(100),
L18     category VARCHAR(50)
L19 );
L20
L21 • INSERT INTO products (product_id, product_name, category) VALUES
L22 (1, 'Phone Case', 'Electronics'),
L23 (2, 'USB Cable', 'Electronics'),
L24 (3, 'Water Bottle', 'Home & Kitchen');
L25
L26
L27
L28
L29
L30
L31
L32
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
31	02:40:13	SELECT a.order_id, b.category, a.qty, a.amount FROM amazon_sales a INNER JOIN amazon_sales b ON a.order_id = b.order_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
32	02:43:50	CREATE TABLE products (product_id INT PRIMARY KEY, product_name VARCHAR(100), category VARCHAR(50))	0 row(s) affected	0.016 sec
33	02:43:54	INSERT INTO products (product_id, product_name, category) VALUES (1, 'Phone Case', 'Electronics'), (2, 'USB Cable', 'Electronics'), (3, 'Water Bottle', 'Home & Kitchen')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec

Object Info Session

ENG US 02:45:25 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- park_and_recreation
- sakila
- sys
- world

Administration Schemas

Information: No object selected

```
137
138 -- All from amazon_sales even if no match in products (LEFT JOIN)
139
140 • SELECT a.order_id, p.product_name
141 FROM amazon_sales a
142 LEFT JOIN products p
143 ON a.product_id = p.product_id;
144
145
146
147
148
149
```

Result Grid

order_id	product_name
171-9198151-1101146	Water Bottle
406-7807733-3785945	USB Cable
405-5513694-8146768	USB Cable
408-1298370-1920302	Water Bottle
403-4965581-9520319	Water Bottle
402-4030358-5835511	USB Cable
405-8191138-5176315	Phone Case
403-9230474-9657916	Phone Case
404-9632124-1107550	Water Bottle
402-1465437-0579556	Phone Case
402-2764952-1492313	Water Bottle
405-7398201-3869914	Water Bottle
171-9208368-0157156	USB Cable
171-2592464-6846743	Phone Case
405-9966506-3155561	Water Bottle
407-1189401-7515567	Phone Case

Result 25 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
51	03:02:29	CREATE INDEX idx_amount ON amazon_sales(amount)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.156 sec
52	03:02:51	SELECT * FROM amazon_sales LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.015 sec
53	03:04:29	SELECT a.order_id, p.product_name FROM amazon_sales a LEFT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.090 sec

Object Info Session

ENG US 03:04:35 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

```
146 -- All from products even if no match in amazon_sales (RIGHT JOIN)
147 * SELECT a.order_id, p.product_name
148 FROM amazon_sales a
149 RIGHT JOIN products p
150 ON a.product_id = p.product_id;
151
152
153
154
155
156
157
158
```

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- park_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

Result Grid

order_id	product_name
408-8522693-6357147	Phone Case
407-4038407-6599549	Phone Case
405-0479024-8446753	Phone Case
402-2548343-7961930	Phone Case
408-2239388-0512330	Phone Case
408-4955991-5577147	Phone Case
405-3000442-8052358	Phone Case
171-8804763-4058749	Phone Case
405-9685170-8225144	Phone Case
402-0514418-3710720	Phone Case
403-8690545-9277944	Phone Case
405-5639522-3678746	Phone Case
402-7077429-5701924	Phone Case
405-6546335-6193952	Phone Case
403-5054945-7193916	Phone Case
407-8414187-7091564	Phone Case

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 43	02:54:26	SELECT a.order_id, p.product_name, a.qty, a.amount FROM amazon_sales a INNER JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 44	02:55:10	SELECT a.order_id, p.product_name FROM amazon_sales a LEFT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 45	02:55:48	SELECT a.order_id, p.product_name FROM amazon_sales a RIGHT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Read Only

ENG US 02:55:58 AM 11-08-2025

Query 1 x

```
153 -- Orders above average amount ( Using Subqueries)
```

153

154

155 • SELECT *

```
156 FROM amazon_sales
```

```
156 FROM amazon_sales
```

157 WHERE amount > (

```
158 SELECT AVG(amount) FROM amazon sales
```

150

159

160

161

101

162

163

164

104

165

Schemas

[illegible]

Form

Types

0.000 sec

0.016 sec

2:56:55 AM

MySQL Workbench

ecommerce_sales

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

Query 1

Limit to 1000 rows

SCHEMAS

Filter objects

college

company

crm

ecommerce_db

Tables

Views

Stored Procedures

Functions

parks_and_recreation

sakila

sys

world

Administration

Schemas

Information

No object selected

Query 1

-- Categories with total sales above category average

SELECT category, SUM(amount) AS total_sales

FROM amazon_sales

GROUP BY category

HAVING total_sales > (

SELECT AVG(total_amt)

FROM (

SELECT SUM(amount) AS total_amt

FROM amazon_sales

GROUP BY category

) AS subquery

);

Result Grid

Filter Rows

Edit

Export/Import

Wrap Cell Contents

Fetch rows

id	order_id	order_date	status	fulfilment	sales_channel	ship_service_level	style	sku	category	size	asin	courier_status	qty	currency	amount	ship_city	ship_state	ship_postal_code	ship_country
14	408-1298370-1920302	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0351	J0351-SET-L	Set	L	B09CSSQY4F	Shipped	1	INR	771.00	MUMBAI	MAHARASHTRA	400053	IN
32	404-9632124-1107590	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0011	J0011-LCD-M	Set	M	B08B3YNJG5	Shipped	1	INR	1233.00	VISAKHAPATNAM	ANDHRA PRADESH	530016	IN
70	405-9966506-3155561	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3068	JNE3068-KR-A-XL	kurta	XL	B07H7F9754	Shipped	1	INR	696.00	CHENNAI	TAMIL NADU	600041	IN
88	403-1162895-2484367	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0295	J0295-DR-XXL	Western Dress	XXL	B099NSGT39	Shipped	1	INR	859.00	JAIPUR	RAJASTHAN	303905	IN
92	405-1879750-2639521	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3801	JNE3801-KR-XXXL	kurta	3XL	B09SDYSR1F	Shipped	1	INR	725.00	CHENNAI	TAMIL NADU	600028	IN
102	408-7698765-2294756	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	SET277	SET277-KR-NP-XXL	Set	XXL	B0983FZLXC	Shipped	1	INR	1338.00	AMARNATH	MAHARASHTRA	421502	IN
105	405-5257740-5301198	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	SET154	SET154-KR-NP-XL	Set	XL	B082PMCMZ4	Shipped	1	INR	832.00	ROHTAK	MARYANA	124001	IN
138	408-1482435-5202714	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	SET110	SET110-KR-PP-M	Set	M	B0822TDMYH	Shipped	1	INR	788.00	CHIRMIRI	CHHATTISGARH	497449	IN
146	171-0131732-2560336	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	SET355	SET355-KR-PP-M	Set	M	B09AKDPHP	Shipped	1	INR	1395.00	BARABANKI	UTTAR PRADESH	225001	IN
147	407-4235449-1353916	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0009	J0009-SKD-S	Set	S	B0894V8579	Shipped	1	INR	999.00	AMILA	UTTAR PRADESH	275301	IN
196	404-6680046-0839536	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0341	J0341-DR-M	Western Dress	M	B099NQ79L	Shipped	1	INR	744.00	Chennai	TAMIL NADU	600117	IN
224	407-4737202-9096304	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3798	JNE3798-KR-M	Western Dress	M	B09SDXTR59	Shipped	1	INR	725.00	GAYA	BIHAR	823001	IN
235	406-2403215-8361103	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	SET300	SET300-KR-NP-L	Set	L	B09KXTBZ3N	Shipped	1	INR	999.00	BENGALURU	KARNATAKA	560102	IN
244	403-5977671-8855508	2022-04-30	Shipped - Returned to Seller	Merchant	Amazon.in	Standard	SET304	SET304-KR-DPT-XS	Set	XS	B09K3LRZT	Shipped	1	INR	1115.00	COOCH BEHAR	WEST BENGAL	736101	IN
247	406-7696136-6520337	2022-04-30	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0399	J0399-PP-M	Western Dress	M	B09SDYSR1F	Shipped	1	INR	725.00	DELHI	UTTAR PRADESH	248006	IN

amazon_sales 21

Output

Action Output

#	Time	Action	Message	Duration / Fetch
44	02:55:10	SELECT a.order_id, p.product_name FROM amazon_sales a LEFT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
45	02:55:48	SELECT a.order_id, p.product_name FROM amazon_sales a RIGHT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
46	02:56:30	SELECT * FROM amazon_sales WHERE amount > (SELECT AVG(amount) FROM amazon_sales) LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.016 sec

Object Info

Session

Result Grid

Form Editor

Field Types

Query Stats

ENG US

02:58:02 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parks_and_recreation
- sakila
- sys
- world

```
176 -- Total sales and average quantity ( Using aggregate functions)
177
178 • SELECT
179     SUM(amount) AS total_revenue,
180     AVG(qty) AS avg_qty,
181     MAX(amount) AS highest_order
182 FROM amazon_sales;
183
184
185
186
187
188
```

Administration Schemas

Information

No object selected

Result Grid

	total_revenue	avg_qty	highest_order
▶	21061286.00	1.0049	5495.00

Result 22 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 45	02:55:48	SELECT a.order_id, p.product_name FROM amazon_sales a RIGHT JOIN products p ON a.product_id = p.product_id LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 46	02:56:30	SELECT * FROM amazon_sales WHERE amount > (SELECT AVG(amount) FROM amazon_sales) LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.016 sec
✓ 47	02:59:29	SELECT SUM(amount) AS total_revenue, AVG(qty) AS avg_qty, MAX(amount) AS highest_order FROM amazon_sales LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

ENG US 02:59:43 AM 11-08-2025

MySQL Workbench

ecommerce_sales

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- parkes_and_recreation
- sakila
- sys
- world

Query 1

```
-- Created Views for Analysis

CREATE VIEW daily_sales AS
SELECT order_date, SUM(amount) AS total_sales
FROM amazon_sales
GROUP BY order_date;

SELECT * FROM daily_sales WHERE total_sales > 500;
```

Result Grid

	order_date	total_sales
▶	2022-04-30	170058.00
	2022-04-29	162980.00
	2022-04-28	294030.00
	2022-04-27	342114.00
	2022-04-26	352299.00
	2022-04-25	379262.00
	2022-04-24	389061.00
	2022-04-23	331661.00
	2022-04-22	301166.00
	2022-04-21	282094.00
	2022-04-20	371835.00
	2022-04-19	339474.00
	2022-04-18	269014.00
	2022-04-17	333807.00
	2022-04-16	284594.00
	2022-04-15	214170.00

daily_sales 23

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 47	02:59:29	SELECT SUM(amount) AS total_revenue, AVG(qty) AS avg_qty, MAX(amount) AS highest_order FROM amazon_sales LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
✓ 48	03:00:28	CREATE VIEW daily_sales AS SELECT order_date, SUM(amount) AS total_sales FROM amazon_sales GROUP BY order_date	0 row(s) affected	0.016 sec
✓ 49	03:00:37	SELECT * FROM daily_sales WHERE total_sales > 500 LIMIT 0, 1000	91 row(s) returned	0.046 sec / 0.000 sec

Object Info Session

Read Only

Result Grid Form Editor Field Types Query Stats

03:01:24 AM 11-08-2025

MySQL Workbench

ecommerce_sales x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

- college
- company
- crm
- ecommerce_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- park_and_recreation
- sakila
- sys
- world

Administration Schemas

Information

No object selected

```
189
190 • CREATE VIEW daily_sales AS
191   SELECT order_date, SUM(amount) AS total_sales
192   FROM amazon_sales
193   GROUP BY order_date;
194
195 • SELECT * FROM daily_sales WHERE total_sales > 500;
196
197
198
199   -- Added index on order_date for faster filtering
200
201 • CREATE INDEX idx_order_date ON amazon_sales(order_date);
202
203   -- Added index on amount for faster range queries
204
205 • CREATE INDEX idx_amount ON amazon_sales(amount);
206
207
208
209
210
211
212
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 49	03:00:37	SELECT * FROM daily_sales WHERE total_sales > 500 LIMIT 0, 1000	91 row(s) returned	0.046 sec / 0.000 sec
✓ 50	03:02:15	CREATE INDEX idx_order_date ON amazon_sales(order_date)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.141 sec
✓ 51	03:02:29	CREATE INDEX idx_amount ON amazon_sales(amount)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.156 sec

Object Info Session

03:05:36 AM 11-08-2025