

```
1      create database amz;
2 •  use amz;
3 • CREATE TABLE amazon_sales (
4          product_id INT PRIMARY KEY,
5          product_name VARCHAR(100),
6          category VARCHAR(50),
7          price DECIMAL(10,2),
8          discount_percent INT,
9          rating DECIMAL(2,1),
10         stock_quantity INT,
11         seller VARCHAR(50),
12         order_date DATE,
13         sales_amount DECIMAL(10,2)
14     );
15 • INSERT INTO amazon_sales
16     (product_id, product_name, category, price, discount_percent, rating, stock_quantity, seller, order_date,
17     VALUES
18     (101, 'Echo Dot', 'Electronics', 49.99, 20, 4.6, 120, 'Amazon', '2024-01-15', 3999.20),
19     (102, 'Fire Stick', 'Electronics', 39.99, 15, 4.5, 80, 'Amazon', '2024-01-20', 2799.30),
20     (103, 'Yoga Mat', 'Sports', 25.00, 10, 4.2, 200, 'Fitlife', '2024-02-05', 1500.00),
21     (104, 'Office Chair', 'Furniture', 150.00, 25, 4.0, 50, 'ComfortSeating', '2024-02-10', 7500.00),
22     (105, 'Water Bottle', 'Kitchen', 18.00, 5, 4.8, 300, 'HomeEssentials', '2024-03-01', 1800.00);
23
24 • SELECT * FROM amazon_sales;
```

26 • SELECT \* FROM amazon\_sales WHERE price > 50;

27

26

Result Grid				Filter Rows		Edit:		Export/Import:		Wrap Cell Content:			
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount				
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00				
H001	HILL	HILLS	HILL	HILLS	HILL	HILLS	HILL	HILL	HILLS				

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```
28 •   SELECT * FROM amazon_sales WHERE category = 'Electronics';
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```

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38 • SELECT * FROM amazon_sales WHERE rating <> 4.5;
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Result Grid			Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20	
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00	
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00	
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00	

32 • SELECT \* FROM amazon\_sales

```
33 WHERE category = 'Electronics' AND rating > 4.5;
```

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result Grid				Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount		
101 HULL	Echo Dot HULL	Electronics HULL	49.99 HULL	20 HULL	4.6 HULL	120 HULL	Amazon HULL	2024-01-15 HULL	3999.20 HULL		

34

35 • SELECT \* FROM amazon\_sales;

```
36 WHERE category = 'Furniture' OR category = 'Sports';
```

37

Result Grid			Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00	
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00	
H105	H106	H107	H108	H109	H110	H111	H112	H113	H114	

```
40
41 •   SELECT * FROM amazon_sales
42     WHERE price BETWEEN 20 AND 100;
43
44
45
```

```
43
44 • SELECT * FROM amazon_sales
45 WHERE discount_percent IN (10, 20, 25)
46
47
48
49
```

Result Grid				Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount		
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20		
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00		
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00		
105	Smart TV	Electronics	499.99	15	4.8	80	BestBuy	2024-02-15	39999.20		

```
47 •     SELECT * FROM amazon_sales  
48 | WHERE product_name LIKE 'Fire%';  
49
```

```
49  
50 •   SELECT * FROM amazon_sales  
51      WHERE product_name LIKE '%Bottle%';
```

```
50 •  SELECT * FROM amazon_sales  
51 WHERE product_name LIKE '%Bottle%';  
52
```

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
52  
53 •  SELECT * FROM amazon_sales  
54 WHERE seller IS NOT NULL;  
55
```

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20
102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
56 •  SELECT product_name,  
57     price - (price * discount_percent / 100) AS discounted_price  
58   FROM amazon_sales;
```

```
59
```

product_name	discounted_price
Echo Dot	39.992000
Fire Stick	33.991500
Yoga Mat	22.500000
Office Chair	112.500000
Water Bottle	17.100000

```
60 •  SELECT product_name, price * 1.10 AS increased_price  
61   FROM amazon_sales;
```

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```

product_name	increased_price
Echo Dot	54.9890
Fire Stick	43.9890
Yoga Mat	27.5000
Office Chair	165.0000
Water Bottle	19.8000

62

```
63 •   SELECT SUM(sales_amount) AS total_sales  
64     FROM amazon_sales;
```

65

Result Grid	
	total_sales
▶	17598.50

Filter Rows:

Export:

66

```
66 •   SELECT AVG(price) AS avg_price  
67     FROM amazon_sales;
```

68

Result Grid	
	avg_price
▶	56.596000

Filter Rows:

Exp

69

```
69 •   SELECT COUNT(*) FROM amazon_sales;
```

70

Result Grid	
	COUNT(*)
▶	5

Filter Rows:

Export:

70

```
71 •   SELECT category, SUM(sales_amount) AS total_sales  
72     FROM amazon_sales  
73     GROUP BY category;
```

74

Result Grid | Filter Rows: \_\_\_\_\_ | Export: | Wrap Cell C

category	total_sales
Electronics	6798.50
Sports	1500.00
Furniture	7500.00
Kitchen	1800.00

```
75 •   SELECT category, SUM(sales_amount) AS total_sales  
76     FROM amazon_sales  
77     GROUP BY category  
78     HAVING SUM(sales_amount) > 5000;
```

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Result Grid | Filter Rows: \_\_\_\_\_ | Export: | Wrap Cell C

category	total_sales
Electronics	6798.50
Furniture	7500.00

80 • SELECT \* FROM amazon\_sales  
81 ORDER BY price DESC;

82

Result Grid | Filter Rows: \_\_\_\_\_ | Edit: | Export/Import: | Wrap Cell Content: |

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20
102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00

amazon\_sales 20 X

Apply