

1. Write a query to display all records from a table named customers.

The screenshot shows the MySQL Workbench interface. In the top-left pane, there is a code editor with the following SQL query:

```
1 •  SELECT * FROM food_del.food_comp;
2 •  use food_del;
3 -- 1. Write a query to display all records from a table named customers.
4 •  select*from food_comp;
```

The result grid below displays the data from the food\_comp table. The columns are: order\_id, customer\_name, age, gender, city, order\_date, food\_category, delivery\_partner, delivery\_time\_mins, is\_delayed, rating, complaint, refund\_amount, and duplicate\_flag. The data includes various customers from cities like Chennai, Mumbai, Hyderabad, and Delhi, with delivery details and ratings.

order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag
1	Alastair Sporrij	23	Female	Chennai	2025-10-23 00:00:00	Burger	Zippy	83	1	2	Cold Food	406.12	No
2	Lettie Cleare	30	Male	Mumbai	2025-04-19 00:00:00	South Indian	QuickKart	108	1	5	Cold Food	32.75	No
5	Shaun Dodshon	22	Male	Hyderabad	2025-04-05 00:00:00	Biryani	QuickKart	39	0	3	No Complaint	473.74	No
20	Beckie Mattiacci	23	Female	Mumbai	2025-10-19 00:00:00	Pizza	DashX	59	1	2	Cold Food	324.26	No
24	Georgena Petett	42	Female	Delhi	2025-08-19 00:00:00	South Indian	QuickKart	104	1	4	No Complaint	432.53	Yes
27	Bob Tweedell	32	Female	Kochi	2025-06-18 00:00:00	Chinese	SpeedEats	114	1	5	No Complaint	10.84	No
30	Emerson Bradshaw	28	Other	Chennai	2025-10-17 00:00:00	Chinese	Zippy	51	1	1	Cold Food	85.99	No
33	Mil Stanhope	49	Male	Kochi	2025-07-20 00:00:00	Chinese	FoodCloud	76	1	1	Cold Food	474.41	No

2. Write a query to select only customer\_name and city from the customers table.

```
2 •  select customer_name,city from food_comp;
```

The screenshot shows the MySQL Workbench interface with the results of the previous query. The result grid displays two columns: customer\_name and city. The data shows that most customers are from Kochi or Chennai, with one customer from Mumbai and one from Hyderabad.

customer_name	city
Alastair Sporrij	Chennai
Lettie Cleare	Mumbai
Shaun Dodshon	Hyderabad
Beckie Mattiacci	Mumbai
Georgena Petett	Delhi
Bob Tweedell	Kochi
Emerson Bradshaw	Chennai
Mil Stanhope	Kochi
Dew Cumine	Kochi
Veronique Stanning	Delhi

3. Write a query to filter customers whose city is 'Chennai'.

```

9    -- 3.Write a query to filter customers whose city is 'Chennai'.
10 •  select * from food_comp where city ='Chennai';
11

```

Result Grid														
<input type="checkbox"/> Filter Rows: <input type="checkbox"/> Export: <input type="checkbox"/> Wrap Cell Content: <input type="checkbox"/>														
order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag	
1	Alaster Sporrj	23	Female	Chennai	2025-10-23 00:00:00	Burger	Zippy	83	1	2	Cold Food	406.12	No	
30	Emerson Bradshaw	28	Other	Chennai	2025-10-17 00:00:00	Chinese	Zippy	51	1	1	Cold Food	85.99	No	
59	Sayer Toulson	28	Male	Chennai	2025-08-24 00:00:00	Chinese	QuickKart	92	1	2	Cold Food	281.16	No	
90	Marvin Exposito	38	Female	Chennai	2025-05-26 00:00:00	Burger	DashX	64	1	3	No Complaint	9.79	Yes	
95	Reggie Clavey	60	Other	Chennai	2025-10-31 00:00:00	Biryani	QuickKart	23	0	4	Late Delivery	241.61	No	
144	Merry Cadd	56	Female	Chennai	2025-10-20 00:00:00	South Indian	DashX	81	1	1	Late Delivery	323.13	Yes	
205	Pacorro Osbalstone	19	Other	Chennai	2025-06-16 00:00:00	Biryani	Zippy	95	1	1	Late Delivery	424.22	No	
229	Ursula Mawdsley	22	Other	Chennai	2025-11-18 00:00:00	Chinese	SpeedEats	102	1	0	Wrong Item	370.04	No	

#### 4. Write a query to get customers whose age is greater than 25.

```

12    -- 4.Write a query to get customers whose age is greater than 25.
13 •  select*from food_comp where age>25;
14

```

Result Grid														
<input type="checkbox"/> Filter Rows: <input type="checkbox"/> Export: <input type="checkbox"/> Wrap Cell Content: <input type="checkbox"/>														
order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag	
2	Lettie Cleare	30	Male	Mumbai	2025-04-19 00:00:00	South Indian	QuickKart	108	1	5	Cold Food	32.75	No	
24	Georgena Petett	42	Female	Delhi	2025-08-19 00:00:00	South Indian	QuickKart	104	1	4	No Complaint	432.53	Yes	
27	Bob Tweedell	32	Female	Kochi	2025-06-18 00:00:00	Chinese	SpeedEats	114	1	5	No Complaint	10.84	No	
30	Emerson Bradshaw	28	Other	Chennai	2025-10-17 00:00:00	Chinese	Zippy	51	1	1	Cold Food	85.99	No	
32	Mil Stanhope	53	Male	Kochi	2025-03-29 00:00:00	Chinese	QuickKart	95	1	1	Cold Food	474.41	Yes	
33	Dew Cumine	31	Other	Kochi	2025-07-30 00:00:00	Burger	SpeedEats	66	1	3	Late Delivery	275.53	No	
34	Veronique Stanning	52	Male	Delhi	2025-01-14 00:00:00	Chinese	Zippy	26	0	5	Wrong Item	175.3	No	

#### 5. Write a query to sort customers by age in descending order.

```

14
15    -- 5.Write a query to sort customers by age in descending order.
16 •  select*from food_comp order by age desc;

```

Result Grid														
<input type="checkbox"/> Filter Rows: <input type="checkbox"/> Export: <input type="checkbox"/> Wrap Cell Content: <input type="checkbox"/>														
order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag	
95	Reggie Clavey	60	Other	Chennai	2025-10-31 00:00:00	Biryani	QuickKart	23	0	4	Late Delivery	241.61	No	
179	Ardyce Laetham	60	Male	Mumbai	2025-09-05 00:00:00	South Indian	SpeedEats	35	0	2	No Complaint	9.92	No	
380	Britt Maplethorpe	60	Other	Delhi	2025-03-19 00:00:00	Chinese	Zippy	35	0	1	Late Delivery	19.76	No	
489	Corrie Durran	60	Other	Kochi	2025-06-25 00:00:00	Biryani	SpeedEats	29	0	3	No Complaint	425.55	Yes	
639	Tybi Naulty	60	Other	Mumbai	2025-08-23 00:00:00	Desserts	Zippy	20	0	3	Wrong Item	165.06	No	
674	Olivie Daniell	60	Male	Kochi	2025-01-28 00:00:00	Desserts	Zippy	13	0	3	Wrong Item	348.07	No	
78	Bryon Kids	59	Male	Mumbai	2025-09-06 00:00:00	Chinese	Zippy	62	1	3	Late Delivery	51.04	No	
141	Marni Brannan	60	Other	Kochi	2025-11-18 00:00:00	Chinese	SpeedEats	97	1	5	Cold Food	122.02	No	

#### 6. Write a query to count the total number of customers.

```

17
18      -- 6. Write a query to count the total number of customers.
19 •   select count(order_id) from food_comp;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(order_id)			

▶ 269

## 7. Write a query to find the average rating given by customers.

```

20
21      -- 7. Write a query to find the average rating given by customers.
22 •   select avg(rating) from food_comp;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	avg(rating)			

▶ 2.9480

## 8. Write a query to get the maximum and minimum delivery time from the table.

```

24      -- 8. Write a query to get the maximum and minimum delivery time from a orders table.
25 •   select max(delivery_time_mins) as max_time,
26      min(delivery_time_mins) as min_time from food_comp;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	max_time	min_time		

▶ 120      10

## 9. Write a query to display customers whose name starts with the letter 'A'.

```

28      -- 9. Write a query to display customers whose name starts with the letter 'A'.
29 •   select * from food_comp where customer_name like 'A%';

```

Result Grid														Filter Rows:	Export:	Wrap Cell Content:
order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag			
1	Alastair Sporrij	23	Female	Chennai	2025-10-23 00:00:00	Burger	Zippy	83	1	2	Cold Food	406.12	No			
63	Audrye Surcombe	21	Male	Bangalore	2025-01-19 00:00:00	Pizza	QuickKart	38	0	4	Wrong Item	96.66	No			
75	Ara Di Baudi	45	Male	Kochi	2025-03-08 00:00:00	South Indian	SpeedEats	100	1	4	Late Delivery	282.59	No			
179	Ardyce Laetham	60	Male	Mumbai	2025-09-05 00:00:00	South Indian	SpeedEats	35	0	2	No Complaint	9.92	No			
235	Alard Fellibrand	22	Male	Chennai	2025-04-05 00:00:00	Chinese	DashX	15	0	2	Wrong Item	327.91	No			
249	Alf Laughnan	59	Male	Mumbai	2025-08-11 00:00:00	Burger	Zippy	48	1	1	Late Delivery	48.16	No			
275	Alice Louisot	20	Other	Bangalore	2025-05-21 00:00:00	Desserts	QuickKart	15	0	3	Late Delivery	216.59	No			
281	Amel Alki	77	Female	Kochi	2025-09-02 00:00:00	Chinese	QuickKart	99	0	7	No Complaint	147.77	No			

## 10. Write a query to get orders where refund\_amount is greater than 100.

```

31      -- 10. Write a query to get orders where refund_amount is greater than 100.
32 •   select*from food_comp where refund_amount > 100;

```

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

order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag
1	Alastair Sporri	23	Female	Chennai	2025-10-23 00:00:00	Burger	Zippy	83	1	2	Cold Food	406.12	No
5	Shaun Dodshon	22	Male	Hyderabad	2025-04-05 00:00:00	Biryani	QuickKart	39	0	3	No Complaint	473.74	No
20	Beckie Mattiacci	23	Female	Mumbai	2025-10-19 00:00:00	Pizza	DashX	59	1	2	Cold Food	324.26	No
24	Georgena Petett	42	Female	Delhi	2025-08-19 00:00:00	South Indian	QuickKart	104	1	4	No Complaint	432.53	Yes
32	Mil Stanhope	53	Male	Kochi	2025-03-29 00:00:00	Chinese	QuickKart	95	1	1	Cold Food	474.41	Yes
33	Dew Cumine	31	Other	Kochi	2025-07-30 00:00:00	Burger	SpeedEats	66	1	3	Late Delivery	275.53	No
34	Veronique Stanning	52	Male	Delhi	2025-01-14 00:00:00	Chinese	Zippy	26	0	5	Wrong Item	175.3	No
35	Eduardo Mazzolini	54	Other	Mumbai	2025-11-15 00:00:00	Chinese	QuickKart	76	0	4	Cold Food	476.51	No

## 11. Write a query to group total orders made in each city.

```

34      -- 11. Write a query to group total orders made in each city.
35 •   select city,count(order_id) from food_comp group by city order by count(order_id)desc;

```

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

city	count(order_id)
Mumbai	54
Delhi	51
Bangalore	44
Kochi	43
Chennai	40
Hyderabad	37

## 12. Write a query to find the number of delayed vs non-delayed orders.

```

36
37      -- 12. Write a query to find the number of delayed vs non-delayed orders.
38 •   select is_delayed,count(*) from food_comp group by is_delayed;

```

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

is_delayed	count(*)
1	188
0	81

## 13. Write a query to count how many orders each delivery partner handled.

```

39
40      -- 13. Write a query to count how many orders each delivery partner handled.
41 •   select delivery_partner ,count(*) from food_comp group by delivery_partner order by count(*) desc;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	delivery_partner	count(*)		
▶	QuickKart	74		
	DashX	69		
	SpeedEats	67		
	Zippy	59		

#### 14. Write a query to calculate the average delivery time for each food\_category.

```

42
43      -- 14. Write a query to calculate the average delivery time for each food_category.
44 •   select food_category,count(*) from food_comp group by food_category order by count(*) desc ;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	food_category	count(*)		
▶	Biryani	89		
	South Indian	50		
	Pizza	33		
	Chinese	33		
	Desserts	33		
	Burger	31		

#### 15. Write a query to get the top 5 customers based on refund\_amount

```

45
46      -- 15. Write a query to get the top 5 customers based on refund_amount
47
48 •   select order_id, customer_name ,refund_amount from food_comp order by refund_amount desc limit 5 ;
49

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	order_id	customer_name	refund_amount			
▶	681	Arvy Wickwarth	496.17			
	859	Tamqrah Lune	495.75			
	834	Gold Sinyard	494.12			
	882	Aubrey de Tocqueville	492.09			
	99	Emmeline Johnstone	492.02			

#### 16. Write a query to delete all orders where refund\_amount = 0

```

48
49      -- 16. Write a query to delete all orders where refund_amount = 0
50 •   delete from food_comp where refund_amount=0;
51 •   select min(refund_amount) from food_comp;
52

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	min(refund_amount)			
▶	1.38			

**17. Write a query to update the delivery\_partner to 'Swiggy' for a specific order\_id.**

```
52  
53      -- 17. Write a query to update the delivery_partner to 'Swiggy' for a specific order_id.  
54  
55 •  update food_comp set delivery_partner = 'Swiggy' where order_id = 1;  
56  
57
```

Result Grid															
		Filter Rows:		Export:		Wrap Cell Content:									
order_id	customer_name	age	gender	city	order_date	food_category	delivery_partner	delivery_time_mins	is_delayed	rating	complaint	refund_amount	duplicate_flag		
1	Alaster Spornij	23	Female	Chennai	2025-10-23 00:00:00	Burger	Swiggy	83	1	2	Cold Food	406.12	No		
2	Lettie Cleare	30	Male	Mumbai	2025-04-19 00:00:00	South Indian	QuickKart	108	1	5	Cold Food	32.75	No		
5	Shaun Dodshon	22	Male	Hyderabad	2025-04-05 00:00:00	Biryani	QuickKart	39	0	3	No Complaint	473.74	No		
20	Bedie Mattacci	23	Female	Mumbai	2025-10-19 00:00:00	Pizza	DashX	59	1	2	Cold Food	324.26	No		
24	Georgena Petett	42	Female	Delhi	2025-08-19 00:00:00	South Indian	QuickKart	104	1	4	No Complaint	432.53	Yes		
27	27 Tweedell	32	Female	Kochi	2025-06-18 00:00:00	Chinese	SpeedEats	114	1	5	No Complaint	10.84	No		
30	Emerson Bradshaw	28	Other	Chennai	2025-10-17 00:00:00	Chinese	Zippy	51	1	1	Cold Food	85.99	No		
42	Mil Stanhope	55	Male	Karachi	2025-07-01 00:00:00	Chinese	QuickKart	95	1	1	Cold Food	474.41	Yes		

**18. Write a query to find the top 3 cities with the highest number of complaints.**

```
--  
57      -- 18. Write a query to find the top 3 cities with the highest number of complaints.  
58  
59 •  select city, count(complaint) from food_comp group by city order by count(complaint) desc limit 3;  
60
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:		Fetch rows:				
city	count(complaint)											
Mumbai	54											
Delhi	51											
Bangalore	44											

**19. Write a query to calculate the average delivery time for each delivery partner.**

```
61      -- 19. Write a query to calculate the average delivery time for each delivery partner.  
62  
63 •  select delivery_partner, avg(delivery_time_mins) from food_comp group by delivery_partner;
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:		Fetch rows:				
delivery_partner	avg(delivery_time_mins)											
Swiggy	83.0000											
QuickKart	69.8243											
DashX	64.4783											
SpeedEats	70.0896											
Zippy	61.0000											

**20. Write a query to find which food category has the highest average rating.**

```
-- 20. Write a query to find which food category has the highest average rating.  
66 • select food_category,avg(rating) from food_comp group by food_category order by avg(rating)desc;
```

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

food_category	avg(rating)
Biryani	3.0899
Desserts	3.0303
South Indian	2.9000
Chinese	2.8788
Pizza	2.7879
Burger	2.7742