

# Manual Vs AI

## Manual Human writing SQL Queries

```
72
73 • SELECT city
74   FROM customers
75  GROUP BY city
76  ORDER BY COUNT(*) DESC
77  LIMIT 1;
```

Result Grid | Filter Rows:

city
Hyderabad

```
73 • SELECT state, COUNT(*) AS total_customers
74   FROM customers
75  GROUP BY state
76  HAVING COUNT(*) > 5;
77
```

Result Grid | Filter Rows:  | Export: | W

state	total_customers
Rajasthan	11
Karnataka	8
Tamil Nadu	6
West Bengal	6
Maharashtra	8
Delhi	7

## Using Artificial Intelligence

### Ask a Question

Find the city with the maximum number of customers.

Ask

Hyderabad | 10







### Ask a Question

Show all states that have more than 5 customers

Ask

Here is the result:

```
state
Rajasthan
Karnataka
Tamil Nadu
West Bengal
Maharashtra
Delhi
```

Result Grid							
Filter Rows: <input type="text"/>							
Edit:   							
Export/Import:  							
Wrap Cell Content: 							
	customer_id	first_name	last_name	email	phone	city	state
▶	1	Krishna	Rastogi	krishna.rastogi1@outlook.com	+918512305772	Jaipur	Telangana
	2	Aryan	Reddy	aryan.reddy2@gmail.com	+919281204724	Delhi	Rajasthan
	3	Saanvi	Das	saanvi.das3@gmail.com	+916039107677	Kolkata	Karnataka
	4	Ishaan	Menon	ishaan.menon4@yahoo.com	+918031790556	Delhi	Rajasthan
	5	Avni	Joshi	avni.joshi5@gmail.com	+916703003419	Hyderabad	Rajasthan
	6	Kiara	Bose	kiara.bose6@outlook.com	+917729457033	Pune	Rajasthan
	7	Siddharth	Ghosh	siddharth.ghosh7@yahoo.com	+916748027379	Bangalore	Rajasthan
	8	Aditya	Mehta	aditya.mehta8@yahoo.com	+917840506856	Bangalore	Karnataka
	9	Vivaan	Menon	vivaan.menon9@hotmail.com	+919980503005	Jaipur	Tamil Nadu
	10	Ananya	Malhotra	ananya.malhotra10@outlook.com	+917016409542	Pune	Tamil Nadu
	11	Siddharth	Sharma	siddharth.sharma11@hotmail.com	+916382538552	Hyderabad	Telangana
	12	Kiara	Das	kiara.das12@gmail.com	+916388788762	Hyderabad	Tamil Nadu
	16	Kabir	Rastogi	kabir.rastogi16@outlook.com	+918390817655	Mumbai	Karnataka

## Ask a Question

List all customers who have the same last name as at least one other customer.

Ask

```
customer_id | first_name | last_name | email | phone | city | state
1 | Krishna | Rastogi | krishna.rastogi1@outlook.com | +918512305772 | Jaipur | Telangana
16 | Kabir | Rastogi | kabir.rastogi16@outlook.com | +918390817655 | Mumbai | Karnataka
2 | Aryan | Reddy | aryan.reddy2@gmail.com | +919281204724 | Delhi | Rajasthan
4 | Ishaan | Menon | ishaan.menon4@yahoo.com | +918031790556 | Delhi | Rajasthan
9 | Vivaan | Menon | vivaan.menon9@hotmail.com | +919980503005 | Jaipur | Tamil Nadu
3 | Saanvi | Das | saanvi.das3@gmail.com | +916039107677 | Kolkata | Karnataka
12 | Kiara | Das | kiara.das12@gmail.com | +916388788762 | Hyderabad | Tamil Nadu
```

```
72
73 • SELECT state, COUNT(*) AS total_customers
74 FROM customers
75 GROUP BY state
76 ORDER BY total_customers DESC
77 LIMIT 2;
```

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

	state	total_customers
▶	Rajasthan	11
	Karnataka	8

## Ask a Question

Show the top 2 states with the most customers and their counts.

Ask

```
Rajasthan | 11
Karnataka | 8
```

72

73 • `SELECT state, COUNT(*) AS total_customers,`

74 `ROUND(COUNT(*) * 100.0 / (SELECT COUNT(*) FROM customers,`

75 `FROM customers`

76 `GROUP BY state`

77 `ORDER BY total_customers DESC`

78 `LIMIT 3;`

79

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	state	total_customers	percentage_share
▶	Rajasthan	11	22.00
	Maharashtra	8	16.00
	Karnataka	8	16.00

Result Grid

Form Editor

## Ask a Question

Which three states together contribute the largest number of customers, and what percentage of total customers do they represent?

Ask

```
Rajasthan | 11 | 22.00
Maharashtra | 8 | 16.00
Karnataka | 8 | 16.00
```