




Q1 List the distinct country names from the Persons table





```
42      -- Q1
43      SELECT DISTINCT Country_name FROM Persons;
```

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

| Country_name |
|--------------|
| USA          |
| Canada       |
| UK           |
| India        |
| Australia    |
| Brazil       |
| China        |
| France       |
| Italy        |

Q2 Select first names and last names from the Persons table with aliases.

```
45      -- Q2
46      SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
```

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

| First_Name | Last_Name |
|------------|-----------|
| John       | Doe       |
| Jane       | Smith     |
| David      | Johnson   |
| Priya      | Sharma    |
| Amit       | Singh     |
| Linda      | Brown     |
| Paul       | Davis     |
| Chen       | Li        |
| Marie      | Dupont    |
| Luca       | Rossi     |

Q3 Find all persons with a rating greater than 4.0.

48 -- Q3

49 • `SELECT Fname,Rating FROM Persons WHERE Rating > 4.0;`

| Result Grid |        | Filter Rows: | Export: | Wrap Cell Content: |
|-------------|--------|--------------|---------|--------------------|
| Fname       | Rating |              |         |                    |
| John        | 4.3    |              |         |                    |
| Jane        | 4.1    |              |         |                    |
| Priya       | 4.7    |              |         |                    |
| Amit        | 4.5    |              |         |                    |
| Paul        | 4.2    |              |         |                    |
| Chen        | 4.8    |              |         |                    |
| Marie       | 4.9    |              |         |                    |

Q4 Find countries with a population greater than 10 lakhs.

51 -- Q4

52 • `SELECT * FROM Country WHERE Population > 1000000;`

| Result Grid |              |            |         |  | Filter Rows: | Edit: | Export/Import: |
|-------------|--------------|------------|---------|--|--------------|-------|----------------|
| Id          | Country_name | Population | Area    |  |              |       |                |
| 1           | USA          | 331000000  | 9834000 |  |              |       |                |
| 2           | Canada       | 38000000   | 9985000 |  |              |       |                |
| 3           | UK           | 67000000   | 243000  |  |              |       |                |
| 4           | India        | 1380000000 | 3287000 |  |              |       |                |
| 5           | Australia    | 25000000   | 7692000 |  |              |       |                |
| 6           | Brazil       | 213000000  | 8516000 |  |              |       |                |
| 7           | China        | 1440000000 | 9597000 |  |              |       |                |
| 8           | France       | 67000000   | 643800  |  |              |       |                |
| 9           | Germany      | 83000000   | 357000  |  |              |       |                |
| 10          | Italy        | 60000000   | 301000  |  |              |       |                |
| NULL        | NULL         | NULL       | NULL    |  |              |       |                |

Q5 Find persons who are from 'USA' or have a rating greater than 4.5.

```
54 -- Q5
55 • SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
56
```

result Grid

<

Q6 Find all persons where the country name is NULL.

```
61 -- Q6
62 • SELECT * FROM Persons WHERE Country_name IS NULL;
63
```

Result Grid

Filter Rows:

Edit:

Export/Import:

| Id   | Fname | Lname   | Population | Rating | Country_Id | Country_name |
|------|-------|---------|------------|--------|------------|--------------|
| 3    | David | Johnson | 7000       | 3.8    | 3          | NULL         |
| 6    | Linda | Brown   | 6000       | 3.6    | 5          | NULL         |
| 9    | Marie | Dupont  | 3500       | 4.9    | 8          | NULL         |
| NULL | NULL  | NULL    | NULL       | NULL   | NULL       | NULL         |

Q7 Find all persons from the countries 'USA', 'Canada', and 'UK'.

```
64 -- Q7
65 • SELECT * FROM Persons WHERE Country_name IN ('USA', 'Canada', 'UK');
```

Result Grid

Filter Rows:

Edit:

Export/Import:

|  | Id   | Fname | Lname | Population | Rating | Country_Id | Country_name |
|--|------|-------|-------|------------|--------|------------|--------------|
|  | 1    | John  | Doe   | 5000       | 4.3    | 1          | USA          |
|  | 2    | Jane  | Smith | 3000       | 4.1    | 2          | Canada       |
|  | NULL | NULL  | NULL  | NULL       | NULL   | NULL       | NULL         |

Result Grid

Form

Q8 Find all persons not from the countries 'India' and 'Australia'

```
68 • SELECT * FROM Persons WHERE Country_name NOT IN ('India', 'Australia')
69
```

Result Grid | Filter Rows: | Edit: | Export/Import:

|   | Id   | Fname | Lname | Population | Rating | Country_Id | Country_name |
|---|------|-------|-------|------------|--------|------------|--------------|
| ▶ | 1    | John  | Doe   | 5000       | 4.3    | 1          | USA          |
|   | 2    | Jane  | Smith | 3000       | 4.1    | 2          | Canada       |
|   | 7    | Paul  | Davis | 8000       | 4.2    | 6          | Brazil       |
|   | 8    | Chen  | Li    | 4500       | 4.8    | 7          | China        |
|   | 10   | Luca  | Rossi | 2000       | 4.0    | 10         | Italy        |
| * | NULL | NULL  | NULL  | NULL       | NULL   | NULL       | NULL         |

Result Grid  
Form Editor

Q9 Find all countries with a population between 5 lakhs and 20 lakhs.

```
77 -- Q9
78 • SELECT * FROM Country WHERE Population BETWEEN 500000 AND 2000000;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

|  | Id   | Country_name | Population | Area    |
|--|------|--------------|------------|---------|
|  | 5    | Australia    | 1500000    | 7692000 |
|  | NULL | NULL         | NULL       | NULL    |

Result Grid

Q10 Find all countries whose names do not start with 'C'.

```
80 -- Q10
81 • SELECT * FROM Country WHERE Country_name NOT LIKE 'C%';
```

Result Grid | Filter Rows: | Edit: | Export/Import:

|   | Id   | Country_name | Population | Area    |
|---|------|--------------|------------|---------|
| ▶ | 1    | USA          | 331000000  | 9834000 |
|   | 3    | UK           | 67000000   | 243000  |
|   | 4    | India        | 1380000000 | 3287000 |
|   | 5    | Australia    | 1500000    | 7692000 |
|   | 6    | Brazil       | 213000000  | 8516000 |
|   | 8    | France       | 67000000   | 643800  |
|   | 9    | Germany      | 83000000   | 357000  |
|   | 10   | Italy        | 60000000   | 301000  |
|   | NULL | NULL         | NULL       | NULL    |