1.

```
1 •  USE world;
2
3 •  SELECT name, surface_area, MAX(population) AS Max_Pop
4    FROM countries
5    GROUP BY name, surface_area
6    HAVING Max_Pop > 100000 AND surface_area < 501;
7
8
```

100%    1:8

Result Grid | Filter Rows: [Search]    Export:

| name | surface_area | Max_Pop |
|------|--------------|---------|
| Aruba | 193.00 | 103000 |
| Barbados | 430.00 | 270000 |
| Macao | 18.00 | 473000 |
| Maldives | 298.00 | 286000 |
| Malta | 316.00 | 380200 |
| Mayotte | 373.00 | 149000 |
| Saint Vincent and the Grenadines | 388.00 | 114000 |

Result 4    Read Only

2.

```
1 •  USE world;
2
3 •  SELECT name, government_form, capital
4    FROM countries
5    WHERE government_form = 'Constitutional Monarchy' AND capital > 200 AND life_expectancy > 75;
6
7
8
```

100%    93:5

Result Grid | Filter Rows: [Search]    Export:

| name | government_form | capital |
|------|-----------------|---------|
| Denmark | Constitutional Monarchy | 3315 |
| Spain | Constitutional Monarchy | 653 |
| United Kingdom | Constitutional Monarchy | 456 |
| Jamaica | Constitutional Monarchy | 1530 |
| Jordan | Constitutional Monarchy | 1786 |
| Japan | Constitutional Monarchy | 1532 |
| Liechtenstein | Constitutional Monarchy | 2446 |
| Luxembourg | Constitutional Monarchy | 2452 |
| Monaco | Constitutional Monarchy | 2695 |
| Norway | Constitutional Monarchy | 2807 |
| New Zealand | Constitutional Monarchy | 3499 |
| Sweden | Constitutional Monarchy | 3048 |

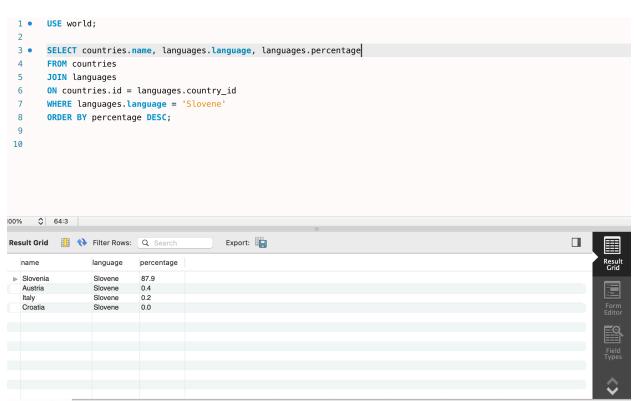countries 6    Read Only

3.

```
1  ●  USE world;
2
3  ●  SELECT region, count(countries.id)
4     FROM countries
5     GROUP BY region
6     ORDER BY count(countries.id) DESC;
7
```

100%    35:3

**Result Grid** | Filter Rows: Search | Export:

| region | count(countries.... |
|---|---|
| ▶ Caribbean | 24 |
| Eastern Africa | 20 |
| Middle East | 18 |
| Western Africa | 17 |
| Southern Europe | 15 |
| Southern and Central Asia | 14 |
| South America | 14 |
| Southeast Asia | 11 |
| Polynesia | 10 |
| Eastern Europe | 10 |
| Central Africa | 9 |
| Western Europe | 9 |
| Central America | 8 |
| Eastern Asia | 8 |
| Nordic Countries | 7 |
| Northern Africa | 7 |
| Micronesia | 7 |
| Antarctica | 5 |
| Australia and New Zealand | 5 |
| North America | 5 |
| Southern Africa | 5 |
| Melanesia | 5 |
| Baltic Countries | 3 |
| British Islands | 2 |

Result Grid / Form Editor / Field Types / Query Stats / Execution Plan

4.

```
1  ●  USE world;
2
3  ●  SELECT countries.name, languages.language, languages.percentage
4     FROM countries
5     JOIN languages
6     ON countries.id = languages.country_id
7     WHERE languages.language = 'Slovene'
8     ORDER BY percentage DESC;
9
10
```

100%    64:3

**Result Grid** | Filter Rows: Search | Export:

| name | language | percentage |
|---|---|---|
| ▶ Slovenia | Slovene | 87.9 |
| Austria | Slovene | 0.4 |
| Italy | Slovene | 0.2 |
| Croatia | Slovene | 0.0 |

Result Grid / Form Editor / Field Types

5.

```
1 • USE world;
2
3 • SELECT countries.name, COUNT(cities.id)
4   FROM countries
5   JOIN cities ON countries.id = cities.country_id
6   GROUP BY countries.id
7   ORDER by count(cities.id) DESC;
8
```

1:8

Result Grid | Filter Rows: [Search] | Export:

| name | COUNT(cities.id) |
|---|---|
| China | 363 |
| India | 341 |
| United States | 274 |
| Brazil | 250 |
| Japan | 248 |
| Russian Federation | 189 |
| Mexico | 173 |
| Philippines | 136 |
| Germany | 93 |
| Indonesia | 85 |
| United Kingdom | 81 |
| South Korea | 70 |
| Iran | 67 |
| Nigeria | 64 |
| Turkey | 62 |
| Spain | 59 |
| Pakistan | 59 |
| Italy | 58 |
| Argentina | 57 |
| Ukraine | 57 |
| Canada | 49 |
| Poland | 44 |

Result Grid
Form Editor
Field Types
Query Stats
Execution Plan

6.

```
1 • USE world;
2
3 • SELECT cities.name, cities.population
4   FROM countries
5   JOIN cities ON countries.id = cities.country_id
6   WHERE countries.name = 'Mexico' AND cities.population > 500000
7   ORDER by cities.population DESC;
8
```

27:7

Result Grid | Filter Rows: [Search] | Export:

| name | population |
|---|---|
| Ciudad de México | 8591309 |
| Guadalajara | 1647720 |
| Ecatepec de Morelos | 1620303 |
| Puebla | 1346176 |
| Nezahualcóyotl | 1224924 |
| Juárez | 1217818 |
| Tijuana | 1212232 |
| León | 1133576 |
| Monterrey | 1108499 |
| Zapopan | 1002239 |

Result Grid
Form Editor
Field Types

7.

```
1 •  USE world;
2
3 •  SELECT countries.name, languages.language, languages.percentage
4    FROM countries
5    JOIN languages ON countries.id = languages.country_id
6    WHERE languages.percentage > 89
7    ORDER by languages.percentage DESC;
8
```

1:8

**Result Grid** | Filter Rows: Search | Export:

| name | language | percentage |
|---|---|---|
| ▶ Grenada | Creole Engli… | 100.0 |
| Faroe Islands | Faroese | 100.0 |
| San Marino | Italian | 100.0 |
| El Salvador | Spanish | 100.0 |
| Haiti | Haiti Creole | 100.0 |
| Rwanda | Rwanda | 100.0 |
| Western Sahara | Arabic | 100.0 |
| Bermuda | English | 100.0 |
| Maldives | Dhivehi | 100.0 |
| Dominica | Creole Engli… | 100.0 |
| Cape Verde | Crioulo | 100.0 |
| Saint Kitts and Nevis | Creole Engli… | 100.0 |
| Cuba | Spanish | 100.0 |
| North Korea | Korean | 99.9 |
| South Korea | Korean | 99.9 |
| Yemen | Arabic | 99.6 |
| Bosnia and Herzeg… | Serbo-Croat… | 99.2 |
| Saint Vincent and t… | Creole Engli… | 99.1 |
| Japan | Japanese | 99.1 |
| Colombia | Spanish | 99.0 |
| Portugal | Portuguese | 99.0 |

Result Grid · Form Editor · Field Types · Query Stats · Execution Plan

8.

```
1 •  USE world;
2
3 •  SELECT countries.name AS Country_Name, cities.name AS City_Name, cities.district, cities.population
4    FROM countries
5    JOIN cities ON countries.id = cities.country_id
6    WHERE countries.name = 'Argentina' AND cities.district = 'Buenos Aires' AND cities.population > 500000;
7
```

21:6

**Result Grid** | Filter Rows: Search | Export:

| Country_Name | City_Name | district | population |
|---|---|---|---|
| ▶ Argentina | La Matanza | Buenos Aires | 1266461 |
| Argentina | Lomas de Zamora | Buenos Aires | 622013 |
| Argentina | Quilmes | Buenos Aires | 559249 |
| Argentina | Almirante Brown | Buenos Aires | 538918 |
| Argentina | La Plata | Buenos Aires | 521936 |
| Argentina | Mar del Plata | Buenos Aires | 512880 |

Result Grid · Form Editor · Field Types · Query Stats