

MySQL Workbench

MySQL Model (Copie Books.mwb) x EER Diagram x EER Diagram1 x Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- books
- dojos
- erd-users-adresses
- my_first_db
- sakila
- sql_hr
- sql_inventory
- sql_invoicing
- sql_store
- sys
- teachers
- world

Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```
1 USE world;
2
3 SELECT countries.name, countries.surface_area, countries.population
4 FROM countries
5 WHERE countries.surface_area < 501 AND countries.population > 100000;
```

Result Grid

	name	surface_area	population
▶	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

countries 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:35:45	SELECT countries.name, countries.surface_area, countries.population FROM countries WHERE ...	7 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Taper ici pour

22°C Ciel couvert 22:37 28/10/2023

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Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```
7 SELECT countries.name, countries.government_form, countries.capital
8 FROM countries
9 WHERE countries.government_form = 'Constitutional Monarchy'
10 AND countries.life_expectancy > 75
11 AND countries.capital > 200;
```

Result Grid

	name	government_form	capital
▶	Denmark	Constitutional Monarchy	3315
	Spain	Constitutional Monarchy	653
	United Kingdom	Constitutional Monarchy	456
	Jamaica	Constitutional Monarchy	1530
	Jordan	Constitutional Monarchy	1766
	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

countries 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:35:45	SELECT countries.name, countries.surface_area, countries.population FROM countries WHERE ...	7 row(s) returned	0.000 sec / 0.000 sec
2	22:37:41	SELECT countries.name, countries.government_form, countries.capital FROM countries WHERE ...	12 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Taper ici pour

22°C Ciel couvert 22:38 28/10/2023

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```
7 SELECT countries.name, countries.government_form, countries.capital
8 FROM countries
9 WHERE countries.government_form = 'Constitutional Monarchy'
10 AND countries.life_expectancy > 75
11 AND countries.capital > 200;
12
13 SELECT countries.region, COUNT(countries.id) AS num_countries
14 FROM countries
15 GROUP BY countries.region
16 ORDER BY num_countries DESC;
```

Result Grid

region	num_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
Macronesia	7
Antarctica	5
Australia and New Zealand	5
North America	5
Southern Africa	5
Melanesia	5
Baltic Countries	3
British Islands	2

Result 3 x

Object Info Session

Query Completed

Taper ici pour

22°C Ciel couvert 22:39 28/10/2023

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Administration Schemas

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Schema: world

books world querying

Limit to 200 rows

```
16 ORDER BY num_countries DESC;
17
18 SELECT countries.name, languages.language, languages.percentage
19 FROM countries
20 JOIN languages ON countries.id = languages.country_id
21 WHERE languages.language = 'Slovene'
22 ORDER BY languages.percentage DESC;
```

Result Grid

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

Result 4 x

Object Info Session

Query Completed

Taper ici pour

22°C Ciel couvert 22:40 28/10/2023

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:35:45	SELECT countries name, countries.surface_area, countries.population FROM countries WHERE ...	7 row(s) returned	0.000 sec / 0.000 sec
2	22:37:41	SELECT countries name, countries.government_form, countries.capital FROM countries WHERE ...	12 row(s) returned	0.000 sec / 0.000 sec
3	22:38:49	SELECT countries.region, COUNT(countries.id) AS num_countries FROM countries GROUP BY c...	25 row(s) returned	0.000 sec / 0.000 sec
4	22:40:09	SELECT countries name, languages.language, languages.percentage FROM countries JOIN lang...	4 row(s) returned	0.000 sec / 0.000 sec

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Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```

24 SELECT countries.name, COUNT(cities.id) as num_cities
25 FROM countries
26 JOIN cities ON countries.id = cities.country_id
27 GROUP BY countries.id
28 ORDER BY num_cities DESC;

```

Result Grid

	name	num_cities
1	China	363
2	India	341
3	United States	274
4	Brazil	250
5	Japan	248
6	Russian Federation	189
7	Mexico	173
8	Philippines	136
9	Germany	93
10	Indonesia	85
11	United Kingdom	81
12	South Korea	70
13	Iran	67
14	Nigeria	64
15	Turkey	62
16	Spain	59
17	Pakistan	59
18	Italy	58
19	Armenia	47

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:35:45	SELECT countries.name, countries.surface_area, countries.population FROM countries WHERE ...	7 row(s) returned	0.000 sec / 0.000 sec
2	22:37:41	SELECT countries.name, countries.government_form, countries.capital FROM countries WHERE ...	12 row(s) returned	0.000 sec / 0.000 sec
3	22:38:49	SELECT countries.region, COUNT(countries.id) AS num_countries FROM countries GROUP BY c...	25 row(s) returned	0.000 sec / 0.000 sec
4	22:40:08	SELECT countries.name, languages.language, languages.percentage FROM countries JOIN lang...	4 row(s) returned	0.000 sec / 0.000 sec
5	22:41:02	SELECT countries.name, COUNT(cities.id) as num_cities FROM countries JOIN cities ON countr...	200 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

Taper ici pour

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Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```

30 SELECT cities.name, cities.population
31 FROM countries
32 JOIN cities ON countries.id = cities.country_id
33 WHERE countries.name = 'Mexico' AND cities.population > 500000
34 ORDER BY cities.population DESC;

```

Result Grid

	name	population
1	Ciudad de México	8591309
2	Guadalajara	1647720
3	Ecatepec de Morelos	1620303
4	Puebla	1346176
5	Nezahualcóyotl	1224924
6	Juárez	1217818
7	Tijuana	1212332
8	León	1133576
9	Monterrey	1108499
10	Zapopan	1002239
11	Naucalpan de Juárez	837511
12	Mexicali	764902
13	Culiacán	744859
14	Acapulco de Juárez	721011
15	Tlalnepantla de Baz	720755
16	Māgrida	703324
17	Chihuahua	670208
18	San Luis Potosí	668353
19	Guadalupe	668780
20	Toluca	665617
21	Aguascalientes	643360
22	Querétaro	639839
23	Morelia	619958
24	Hermosillo	608697
25	Saltillo	577352
26	Torreón	529093
27	Centro (Villahermosa)	519873

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Query Completed

Taper ici pour

22°C Ciel couvert 22:42 28/10/2023

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Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```
35
36 SELECT countries.name, languages.language, languages.percentage
37 FROM countries
38 JOIN languages ON countries.id = languages.country_id
39 WHERE languages.percentage > 80
40 ORDER BY languages.percentage DESC;
41
```

Result Grid

	name	language	percentage
▶	Bermuda	English	100.0
	Faroe Islands	Faroese	100.0
	Cape Verde	Crioulo	100.0
	Cuba	Spanish	100.0
	Saint Kitts and Nevis	Creole English	100.0
	San Marino	Italian	100.0
	Grenada	Creole English	100.0
	El Salvador	Spanish	100.0
	Rwanda	Rwanda	100.0
	Dominica	Creole English	100.0
	Western Sahara	Arabic	100.0
	Maldives	Dhivehi	100.0
	Haiti	Haiti Creole	100.0
	South Korea	Korean	99.9
	North Korea	Korean	99.9
	Yemen	Arabic	99.6
	Bosnia and Herzego...	Serbo-Croatian	99.2
	Saint Vincent and L...	Creole English	99.1
	Japan	Japanese	99.1
	Portugal	Portuguese	99.0
	Colombia	Spanish	99.0
	Madagascar	Malagasy	98.9
	Kiribati	Kiribati	98.9
	Egypt	Arabic	98.8
	Hungary	Hungarian	98.5

Output

Action Output

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Administration Schemas

Information

Schema: world

books world querying

Limit to 200 rows

```
41
42 SELECT countries.name, cities.name, cities.district, cities.population
43 FROM countries
44 JOIN cities ON countries.id = cities.country_id
45 WHERE countries.name = 'Argentina'

```

Result Grid

	name	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	536918
	Argentina	La Plata	Buenos Aires	521936
	Argentina	Mar del Plata	Buenos Aires	512880

Output

Action Output

Object Info Session

Query Completed

Taper ici pour

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