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MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT *
-> FROM Country
-> WHERE inflation < 1.7 AND gdp > 2.0
-> ORDER BY inflation ASC;

+-----+-----+-----+-----+
| country_code | country_name | gdp | inflation |
+-----+-----+-----+-----+
| GHI          | Country_Three | 2.2 | 1.4       |
| DEF          | Country_Two   | 2.5 | 1.6       |
+-----+-----+-----+-----+
2 rows in set (0.0030 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT c.country_code, c.country_name, c.inflation, p.provin
ce_name, p.area
-> FROM Country c, Province p
-> WHERE (p.area < 50000) AND (c.inflation > 1.5) AND (c.countr
y_code = p.country_code)
-> ORDER BY c.inflation DESC, c.country_code ASC, p.area ASC;

+-----+-----+-----+-----+-----+
| country_code | country_name | inflation | province_name | area |
+-----+-----+-----+-----+-----+
| ABC          | Country_One  | 2         | Province_Three | 10000 |
| ABC          | Country_One  | 2         | Province_Two   | 40000 |
| DEF          | Country_Two  | 1.6       | Province_Five  | 7000  |
+-----+-----+-----+-----+-----+
3 rows in set (0.0033 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT c.country_code, c.country_name, c.inflation, p.provin
ce_name, p.area
-> FROM Country c JOIN Province p USING (country_code)
-> WHERE (p.area < 50000) AND (c.inflation > 1.5)
-> ORDER BY c.inflation DESC, c.country_code ASC, p.area ASC;

+-----+-----+-----+-----+-----+
| country_code | country_name | inflation | province_name | area |
+-----+-----+-----+-----+-----+
| ABC          | Country_One  | 2         | Province_Three | 10000 |
| ABC          | Country_One  | 2         | Province_Two   | 40000 |
| DEF          | Country_Two  | 1.6       | Province_Five  | 7000  |
+-----+-----+-----+-----+-----+
3 rows in set (0.0034 sec)
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3 rows in set (0.0034 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL >
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT DISTINCT p.country_code, c.country_name, p.province_n
ame, p.area
-> FROM Country c, Province p, City ci
-> WHERE (ci.province_name = p.province_name) AND (ci.populatio
n > 15000) AND (c.country_code = p.country_code);

+-----+-----+-----+-----+
| country_code | country_name | province_name | area |
+-----+-----+-----+-----+
| ABC          | Country_One  | Province_One  | 800000 |
| ABC          | Country_One  | Province_Three | 10000  |
| ABC          | Country_One  | Province_Two   | 40000  |
| DEF          | Country_Two  | Province_Five  | 7000   |
| DEF          | Country_Two  | Province_Four  | 200000 |
| DEF          | Country_Two  | Province_Six   | 168000 |
| GHI          | Country_Three | Province_Eight | 900000 |
| GHI          | Country_Three | Province_Nine  | 8000   |
| GHI          | Country_Three | Province_Seven | 72000  |
+-----+-----+-----+-----+
9 rows in set (0.0034 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT DISTINCT c.country_code, c.country_name, p.province_n
ame, p.area
-> FROM Province p
-> JOIN Country c USING (country_code)
-> JOIN City ci USING (country_code, province_name)
-> WHERE (ci.population > 15000);

+-----+-----+-----+-----+
| country_code | country_name | province_name | area |
+-----+-----+-----+-----+
| ABC          | Country_One  | Province_One  | 800000 |
| ABC          | Country_One  | Province_Three | 10000  |
| ABC          | Country_One  | Province_Two   | 40000  |
| DEF          | Country_Two  | Province_Five  | 7000   |
| DEF          | Country_Two  | Province_Four  | 200000 |
| DEF          | Country_Two  | Province_Six   | 168000 |
| GHI          | Country_Three | Province_Eight | 900000 |
| GHI          | Country_Three | Province_Nine  | 8000   |
| GHI          | Country_Three | Province_Seven | 72000  |
+-----+-----+-----+-----+
9 rows in set (0.0031 sec)
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MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL> SELECT DISTINCT c.country_code, c.country_name, p.province_name, p.area
--> FROM Country c, Province p, City ci_one, City ci_two
--> WHERE (ci_one.population > 7000) AND (ci_two.population > 7000) AND (ci_one.province_name = p.province_name) AND (ci_one.country_code = p.country_code) AND (ci_two.province_name = p.province_name) AND (ci_two.country_code = p.country_code) AND (p.country_code = c.country_code);
```

country_code	country_name	province_name	area
ABC	Country_One	Province_One	800000
ABC	Country_One	Province_Three	10000
ABC	Country_One	Province_Two	40000
DEF	Country_Two	Province_Five	7000
DEF	Country_Two	Province_Four	200000
DEF	Country_Two	Province_Six	168000
GHI	Country_Three	Province_Eight	900000
GHI	Country_Three	Province_Nine	8000
GHI	Country_Three	Province_Seven	72000

```
9 rows in set (0.0031 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL> SELECT DISTINCT c.country_code, c.country_name, p.province_name, p.area
--> FROM Province p
--> JOIN Country c USING (country_code)
--> JOIN City ci_one USING (province_name)
--> JOIN City ci_two USING (province_name)
--> WHERE (ci_one.population > 7000) AND (ci_two.population > 7000);
```

country_code	country_name	province_name	area
ABC	Country_One	Province_One	800000
ABC	Country_One	Province_Three	10000
ABC	Country_One	Province_Two	40000
DEF	Country_Two	Province_Five	7000
DEF	Country_Two	Province_Four	200000
DEF	Country_Two	Province_Six	168000
GHI	Country_Three	Province_Eight	900000
GHI	Country_Three	Province_Nine	8000
GHI	Country_Three	Province_Seven	72000

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9 rows in set (0.0051 sec)

MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL> SELECT ci_one.city_name, ci_one.province_name, ci_one.country_code, ci_one.population, ci_two.city_name, ci_two.province_name, ci_two.country_code, ci_two.population
--> FROM City ci_one JOIN City ci_two USING (population)
--> WHERE ((ci_one.province_name = ci_two.province_name) AND (ci_one.country_code = ci_two.country_code) AND (ci_one.city_name != ci_two.city_name) AND (ci_one.province_name != ci_two.province_name)) OR (ci_one.country_code != ci_two.country_code);
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```
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL> SELECT ci_one.city_name, ci_one.province_name, ci_one.country_code, ci_one.population, ci_two.city_name, ci_two.province_name, ci_two.country_code, ci_two.population
--> FROM City ci_one JOIN City ci_two USING (population)
--> WHERE ((ci_one.province_name = ci_two.province_name) AND (ci_one.country_code = ci_two.country_code) AND (ci_one.city_name != ci_two.city_name) AND (ci_one.province_name != ci_two.province_name)) OR (ci_one.country_code != ci_two.country_code);
```

city_name	province_name	country_code	population	city_name	province_name	country_code	population
City_Ninet	Province_Seven	GHI	10000	City_Eighteen	Province_Six	DEF	10000
City_Six	Province_Two	ABC	10000	City_Eighteen	Province_Six	DEF	10000
City_Seven	Province_Three	ABC	20000	City_Four	Province_Two	ABC	20000
City_Eighteen	Province_Six	DEF	10000	City_Ninet	Province_Seven	GHI	10000
City_Six	Province_Two	ABC	10000	City_Ninet	Province_Seven	GHI	10000
City_Four	Province_Two	ABC	20000	City_Seven	Province_Three	ABC	20000
City_Eighteen	Province_Six	DEF	10000	City_Six	Province_Two	ABC	10000
City_Ninet	Province_Seven	GHI	10000	City_Six	Province_Two	ABC	10000
City_TwentySev	Province_Nine	GHI	30000	City_Sixt	Province_Six	DEF	30000
City_Two	Province_One	ABC	30000	City_Sixt	Province_Six	DEF	30000
City_Thirt	Province_Five	DEF	900000	City_Ten	Province_Four	DEF	900000
City_Ten	Province_Four	DEF	900000	City_Thirt	Province_Five	DEF	900000
City_Twenty	Province_Seven	GHI	50000	City_Three	Province_One	ABC	50000
City_Three	Province_One	ABC	50000	City_Twenty	Province_Seven	GHI	50000
City_Sixt	Province_Six	DEF	30000	City_TwentySev	Province_Nine	GHI	30000
City_Two	Province_One	ABC	30000	City_TwentySev	Province_Nine	GHI	30000
City_Sixt	Province_Six	DEF	30000	City_Two	Province_One	ABC	30000
City_TwentySev	Province_Nine	GHI	30000	City_Two	Province_One	ABC	30000

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| City_TwentySev | Province_Nine | GHI | 30000 | City_Two | Province_One | ABC |
| 30000 |
+-----+
18 rows in set (0.0026 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT DISTINCT c.country_code, c.country_name
-> FROM Country c, Country f, Border b
-> WHERE (c.country_code = b.country_code_1) AND (c.gdp > 2.0)
AND (c.inflation < 1.7) AND (f.country_code = b.country_code_2) AND (f.gdp < 1.5) AND (f.inflation > 1.8);
+-----+
| country_code | country_name |
+-----+
| DEF | Country_Two |
| GHI | Country_Three |
+-----+
2 rows in set (0.0028 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT DISTINCT c.country_code, c.country_name
-> FROM Country c JOIN Country f JOIN Border b ON (c.country_co
de = b.country_code_1) AND (f.country_code = b.country_code_2)
-> WHERE ((c.gdp > 2.0) AND (c.inflation < 1.7)) AND ((f.gdp <
1.5) AND (f.inflation > 1.8));
+-----+
| country_code | country_name |
+-----+
| DEF | Country_Two |
| GHI | Country_Three |
+-----+
2 rows in set (0.0025 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL >
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL >

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| GHI | ABC | 20000 |
+-----+
2 rows in set (0.0034 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT * FROM City;
+-----+
| city_name | province_name | country_code | population |
+-----+
| City_Eight | Province_Three | ABC | 9800 |
| City_Eighteen | Province_Six | DEF | 10000 |
| City_Eleven | Province_Four | DEF | 200000 |
| City_Fift | Province_Five | DEF | 11000 |
| City_Five | Province_Two | ABC | 9000 |
| City_Four | Province_Two | ABC | 20000 |
| City_Fourt | Province_Five | DEF | 710000 |
| City_Nine | Province_Three | ABC | 80000 |
| City_Ninet | Province_Seven | GHI | 10000 |
| City_One | Province_One | ABC | 12500 |
| City_Seven | Province_Three | ABC | 20000 |
| City_Sevent | Province_Six | DEF | 820000 |
| City_Six | Province_Two | ABC | 10000 |
| City_Sixt | Province_Six | DEF | 30000 |
| City_Ten | Province_Four | DEF | 900000 |
| City_Thirt | Province_Five | DEF | 900000 |
| City_Three | Province_One | ABC | 50000 |
| City_Twelve | Province_Four | DEF | 6700 |
| City_Twenty | Province_Seven | GHI | 50000 |
| City_TwentyFive | Province_Nine | GHI | 17000 |
| City_TwentyFour | Province_Eight | GHI | 73000 |
| City_TwentyOne | Province_Seven | GHI | 3000 |
| City_TwentySev | Province_Nine | GHI | 30000 |
| City_TwentySix | Province_Nine | GHI | 12000 |
| City_TwentyThree | Province_Eight | GHI | 6000 |
| City_TwentyTwo | Province_Eight | GHI | 100000 |
| City_Two | Province_One | ABC | 30000 |
+-----+
27 rows in set (0.0045 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT * FROM Country;
+-----+
| country_code | country_name | gdp | inflation |
+-----+
| ABC | Country_One | 1.4 | 2 |
| DEF | Country_Two | 2.5 | 1.6 |
| GHI | Country_Three | 2.2 | 1.4 |
+-----+
3 rows in set (0.0086 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT * FROM Province;

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3 rows in set (0.0045 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT * FROM Country;
+-----+-----+-----+-----+
| country_code | country_name | gdp | inflation |
+-----+-----+-----+-----+
| ABC          | Country_One  | 1.4 | 2          |
| DEF          | Country_Two  | 2.5 | 1.6        |
| GHI          | Country_Three| 2.2 | 1.4        |
+-----+-----+-----+-----+
3 rows in set (0.0086 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL > SELECT * FROM Province;
+-----+-----+-----+
| province_name | country_code | area |
+-----+-----+-----+
| Province_Eight| GHI          | 900000 |
| Province_Five | DEF          | 7000   |
| Province_Four | DEF          | 200000 |
| Province_Nine | GHI          | 8000   |
| Province_One  | ABC          | 800000 |
| Province_Seven| GHI          | 72000  |
| Province_Six  | DEF          | 168000 |
| Province_Three| ABC          | 10000  |
| Province_Two  | ABC          | 40000  |
+-----+-----+-----+
9 rows in set (0.0616 sec)
MySQL cps-database.gonzaga.edu:3306 clemak_DB SQL >
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