

## Countries Database

Other columns: region, surface\_area, life\_expectancy, gnp\_old, local\_name, government\_form, capital, code2

countries code	name	continent	independence_year	population	gnp	head_of_state	...
AFG	Afghanistan	Asia	1919	22720000	5976.0	Mohammad Omar	...
NLD	Netherlands	Europe	1581	15864000	371362.0	Beatrix	...
...	...	...	...	...	...	...	...

### cities

id	name	country_code	district	population
3793	New York	USA	New York	8008278
1	Los Angeles	USA	California	3694820
...	...	...	...	...

### languages

country_code	language	official	percentage
AFG	Pashto	T	52.4
NLD	Dutch	T	95.6
...	...	...	...

## Basic Query Syntax:

SELECT \*

FROM table

JOIN table2 ON table2.id = table.id

WHERE stuff = 'awesome'

AND name = 'katlyn'

OR name = 'marty'

## Other Syntax and Tools

- LIKE 'stuff%' .....Finds things starting with stuff % is like the wildcard operator
- ORDER BY columnName ASC.....Sorts items based off of the column in either ascending (ASC) or descending (DESC)
- LIMIT number.....Limits the number of results shown

## PHP and SQL

```
$name = new PDO("dbprogram : dbname = database ;host = server", username, password);
```

```
$name->query("SQL query");
```