Dataset:

<https://drive.google.com/file/d/1rDTvxl4eTMj_ovZKP9w3Bh_u3A19tasb/view?usp=sharing>

**(script import steps)**

Step1: download the dataset from google drive

Step2: open MySQL Workbench and Connect to Server

Step3: Go to File Menu and then Click on ‘Open SQL Script’

(browse the dataset file)

Step4: Once the Script is Open click on Flash  Icon to Run the Script.

-- the script that we just ran , created a database in our system named ' employees'

use employees; -- dont forget to press ctrl+enter to execute the statement.

show tables;

select \* from employees;

-- Can you find all employees whose first name matches with 'Perry'

SELECT \* FROM employees WHERE first\_name='Perry';

-- can you find all employees whose first name is Perry and She is a Female.

-- can you find all employees whose last name is either 'Brizzi' or 'Lubachevsky'

select \* from employees where last\_name in('Brizzi','Lubachevsky');

SELECT \* FROM employees WHERE last\_name = 'Brizzi' OR last\_name = 'Lubachevsky';

select \* from employees where first\_name like 'ok%';

select \* from employees where first\_name like '%uzo';

select \* from employees where first\_name like '%yana%';

-- can you find me employees whose first name contains exactly 5 characters.

select \* from employees where first\_name like '\_\_\_\_\_';

-- can you find employees with 5 characters (first\_name) and it must start with 'B'

World database

<https://drive.google.com/file/d/0B5FZLecDIxk8Z29XZVFzOFNPb0k/view?usp=sharing&resourcekey=0-xTDZQk7XZXljg1CnjfDrug>

.

use world;

show tables;

select \* from country;

-- can you tell me for what all continents countries are listed ?

select distinct continent from country;

-- how to see only columns and their datatypes and length here ?

desc country;

-- can you help me find name of country for which the Independence year is Unavailable !

select \* from country where IndepYear is null;

select name,ifnull(indepyear,'Not Available') as 'newIndepYear' from country;

select \* from city;

-- can you help me find the most populated city of Australia

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select \* from city where countrycode='aus' order by population desc;

select \* from city where countrycode='ind' order by population desc limit 6,1;

select max(population) as 'result' from city;

select min(population) as 'result' from city;

select sum(population) as 'result' from city;

select avg(population) as 'result' from city;

select count(population) as 'result' from city;

select name from country where code

in

(

select countrycode from countrylanguage where language='hindi'

);

select name,population from city where population

=

(select max(population) as 'result' from city );

select continent,sum(population) from country group by Continent;

with tempTable

as

(

SELECT

CountryCode, COUNT(Language) AS langcount

FROM

countryLanguage

GROUP BY CountryCode

)

select \* from tempTable order by langcount desc limit 3;