Assignment Two - Scraping Twitter

Team #**67** - **'WORLD ENERGY'**

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GitHub: [***https://github.com/ArpitaRai/DMDD\_Project\_WorldEnergy****Links to an external site.*](https://github.com/ArpitaRai/DMDD_Project_WorldEnergy)

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**SQL Queries for Use Cases:**

**1: The top 10 primary energy consumers of the world**

**INSERT INTO `DMDDWorldEnergy`.`Domain\_PrimaryEnergyConsumption`**

**(`CountryId`,**

**`Consumption`)**

**VALUES**

**<{1: }>,**

**<{100joules: }>);**

SELECT \* FROM **`DMDDWorldEnergy`.`Domain\_PrimaryEnergyConsumption` ORDER BY CONSUMPTION DESC LIMIT 10;**

**2: The country stands on top for the usage of renewable energy**

INSERT INTO `DMDDWorldEnergy`.`Domain\_RenewableEnergyConsumption`

(`

`CountryID`,

`EnergyConsumption`)

VALUES

(<{1 }>,

<{875joules: }>);

SELECT MAX(EnergyConsumption) AS MaxRenewableEnergyUser FROM `DMDDWorldEnergy`.`Domain\_RenewableEnergyConsumption`

**3: Total percentage of Renewables Energy consumption in the USA**

INSERT INTO `DMDDWorldEnergy`.`Domain\_RenewableEnergyConsumption`(`

`CountryID`,`EnergyConsumption`) VALUES (<{3}>,<{900joules:}>);

SELECT CONSUMPTION AS USAConsumption FROM `DMDDWorldEnergy`.`Domain\_RenewableEnergyConsumption WHERE COUNTRYID=”1”;

SELECT SUM(Consumption ) as TOTALSUNM  
FROM `DMDDWorldEnergy`.`Domain\_RenewableEnergyConsumption`;

(USAConsumption)\*100/( SUM(TOTALSUNM)

**4: Country with maximum users talking and tweeting on CO2 Emission**

"INSERT INTO `DMDDWorldEnergy`.`CO2Emission` (`UserName`,`UserCreatedAt`,`Description`,`TweetCreatedAt`,`Location`,`Tweet`) VALUES (%s,%s,%s,%s,%s,%s)";

SELECT LOCATION FROM DMDDWorldEnergy.CO2Emission where‘CO2Emission’ LIKE %TWEET%;

**5: Locations of users talking most about Solar and Wind Energy**

insert\_query = "INSERT INTO `DMDDWorldEnergy`.`WorldOnSolarEnergy` (`UserName`,`UserCreatedAt`,`Description`,`TweetCreatedAt`,`Location`,`Tweet`) VALUES (%s,%s,%s,%s,%s,%s)"

insert\_query = "INSERT INTO `DMDDWorldEnergy`.`WorldOnWindEnergy` (`UserName`,`UserCreatedAt`,`Description`,`TweetCreatedAt`,`Location`,`Tweet`) VALUES (%s,%s,%s,%s,%s,%s)"

SELECT location  
FROM `DMDDWorldEnergy`.`WorldOnSolarEnergy`  
FULL OUTER JOIN DMDDWorldEnergy`.`WorldOnWindEnergy`ON `DMDDWorldEnergy`.`WorldOnSolarEnergy`. location = DMDDWorldEnergy`.`WorldOnWindEnergy`. locationWHERE  ‘SolarEnergy’ and ‘WindEnergy’ LIKE %TWEET%