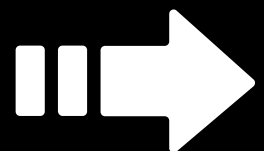


# The Trump Tariffs SQL ANALYSIS



REAL TIME SQL CASE STUDY WITH REAL DATA SET



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# Tables Used :



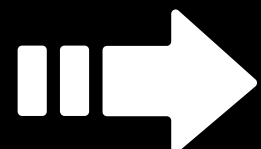
## Reciprocal Tariffs

Country	Tariffs Charged to the U.S.A. Including Currency Manipulation and Trade Barriers	U.S.A. Discounted Reciprocal Tariffs
China	67%	34%
European Union	39%	20%
Vietnam	90%	46%
Taiwan	64%	32%
Japan	46%	24%
India	52%	26%
South Korea	50%	25%
Thailand	72%	36%
Switzerland	61%	31%
Indonesia	64%	32%
Malaysia	47%	24%
Cambodia	97%	49%
United Kingdom	10%	10%
South Africa	60%	30%
Brazil	10%	10%
Bangladesh	74%	37%
Singapore	10%	10%
Israel	33%	17%
Philippines	34%	17%
Chile	10%	10%
Australia	10%	10%
Pakistan	58%	29%
Turkey	10%	10%
Sri Lanka	88%	44%
Colombia	10%	10%



## Reciprocal Tariffs

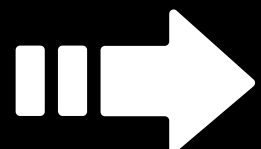
Country	Tariffs Charged to the U.S.A. Including Currency Manipulation and Trade Barriers	U.S.A. Discounted Reciprocal Tariffs
Peru	10%	10%
Nicaragua	36%	18%
Norway	30%	15%
Costa Rica	17%	10%
Jordan	40%	20%
Dominican Republic	10%	10%
United Arab Emirates	10%	10%
New Zealand	20%	10%
Argentina	10%	10%
Ecuador	12%	10%
Guatemala	10%	10%
Honduras	10%	10%
Madagascar	93%	47%
Myanmar (Burma)	88%	44%
Tunisia	55%	28%
Kazakhstan	54%	27%
Serbia	74%	37%
Egypt	10%	10%
Saudi Arabia	10%	10%
El Salvador	10%	10%
Côte d'Ivoire	41%	21%
Laos	95%	48%
Botswana	74%	37%
Trinidad and Tobago	12%	10%
Morocco	10%	10%



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# 1. FIND THE PERCENTAGE OF TOTAL IMPORTS EACH COUNTRY CONTRIBUTES?

```
SELECT country,  
       import_share,  
       (import_share / (SELECT SUM(import_share) FROM country_imports) * 100) AS percentage_of_total_imports  
FROM country_imports  
ORDER BY percentage_of_total_imports DESC;
```



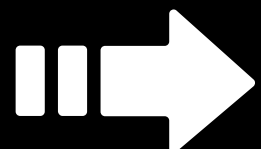
# OUTPUT

Results

Query #1 **Execution time: 1.05ms**

country	import_share	percentage_of_total_imports
European Union	18.50	23.994812
China	13.40	17.380026
Japan	4.50	5.836576
Vietnam	4.20	5.447471
South Korea	4.00	5.188067
Taiwan	3.60	4.669261
India	2.70	3.501946
United Kingdom	2.10	2.723735
Switzerland	1.90	2.464332
Thailand	1.90	2.464332
Malaysia	1.60	2.075227

Sciddle — Crafted with ♥ by Status200 in the United Kingdom.



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## 2. Categorize countries based on their import share

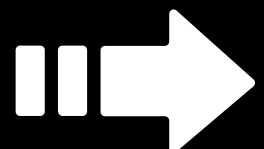
Classify countries into three categories:

High (import share > 5)

Medium (import share between 2 and 5)

Low (import share < 2)

```
SELECT country, import_share,  
       CASE  
         WHEN import_share > 5 THEN 'High'  
         WHEN import_share BETWEEN 2 AND 5 THEN 'Medium'  
         ELSE 'Low'  
       END AS import_category  
FROM country_imports;
```



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# OUTPUT

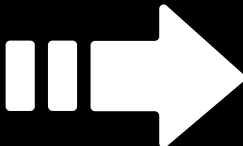
Results

Query #2 Execution time: 0.5ms

country	import_share	import_category
European Union	18.50	High
China	13.40	High
Japan	4.50	Medium
Vietnam	4.20	Medium
South Korea	4.00	Medium
Taiwan	3.60	Medium
India	2.70	Medium
United Kingdom	2.10	Medium
Switzerland	1.90	Low
Thailand	1.90	Low
Malaysia	1.60	Low

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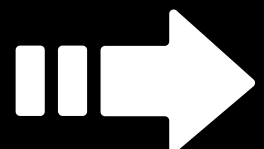
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3. FIND THE CUMULATIVE SHARE OF IMPORTS BY COUNTRY, STOPPING WHEN 80% OF TOTAL IMPORTS IS REACHED ?

```
WITH RunningTotal AS (  
    SELECT country, import_share,  
           SUM(import_share) OVER (ORDER BY import_share DESC) AS cumulative_share,  
           (SELECT SUM(import_share) FROM country_imports) AS total_imports  
    FROM country_imports  
)  
SELECT country, import_share, cumulative_share, total_imports  
FROM RunningTotal  
WHERE cumulative_share ≤ total_imports * 0.8;
```



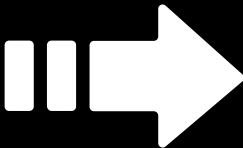
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# OUTPUT

Results

Query #3 Execution time: 1.15ms

country	import_share	cumulative_share	total_imports
European Union	18.50	18.50	77.10
China	13.40	31.90	77.10
Japan	4.50	36.40	77.10
Vietnam	4.20	40.60	77.10
South Korea	4.00	44.60	77.10
Taiwan	3.60	48.20	77.10
India	2.70	50.90	77.10
United Kingdom	2.10	53.00	77.10
Switzerland	1.90	56.80	77.10
Thailand	1.90	56.80	77.10
Malaysia	1.60	58.40	77.10

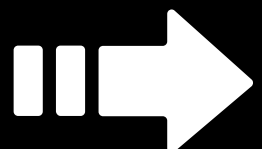


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4. FIND THE COUNTRIES WHERE THE  
TARIFF IS GREATER THAN THE TARIFF OF  
THE PREVIOUS COUNTRY IN ALPHABETICAL  
ORDER ?

```
SELECT country, tariff
FROM (
    SELECT country, tariff,
           LAG(tariff) OVER (ORDER BY country) AS previous_tariff
    FROM country_imports
) AS tariff_comparison
WHERE tariff > previous_tariff;
```

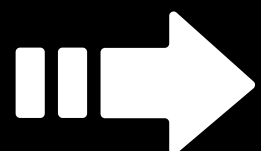


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# OUTPUT

Query #4 Execution time: 1.09ms

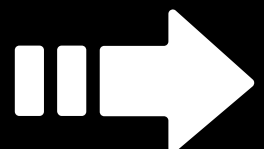
country	tariff
Algeria	30.00
Angola	32.00
Bangladesh	37.00
Bosnia & Herzegovina	36.00
Botswana	38.00
Brunei	24.00
Cambodia	49.00
Chad	13.00
China	34.00
Côte d'Ivoire	21.00
Czech Republic	44.00



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## 5. FIND HOW MANY COUNTRIES HAVE A TARIFF WITHIN 10% OF THE AVERAGE TARIFF ?

```
WITH AvgTariff AS (  
    SELECT AVG(tariff) AS avg_tariff  
    FROM country_imports  
)  
SELECT COUNT(*) AS count_of_countries  
FROM country_imports  
WHERE tariff BETWEEN (SELECT avg_tariff * 0.9 FROM AvgTariff)  
    AND (SELECT avg_tariff * 1.1 FROM AvgTariff);
```

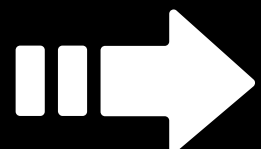


# OUTPUT

Query #5 Execution time: 0.58ms

count\_of\_countries

7



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