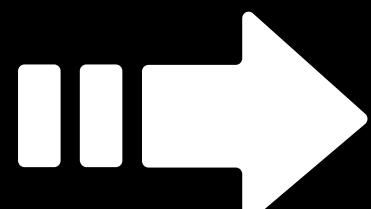


# Breaking News

US-CHINA TRADE WAR TARIFFS  
SQL ANALYSIS



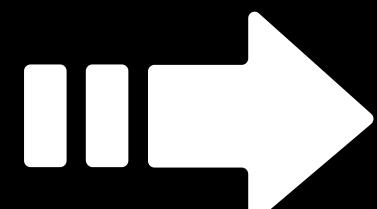
REAL TIME SQL CASE STUDY WITH REAL DATA SET



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# Tables Used :

1. Country
2. Goods
3. TariffEvent
4. Tariff



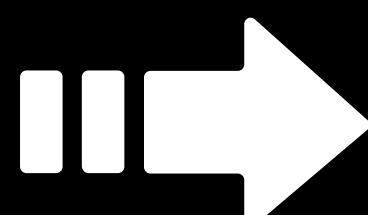
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# 1. WHICH COUNTRY IMPOSED THE MOST TARIFFS ON "AUTOMOBILES"?



US-China Trade War Tariffs SQL Analysis

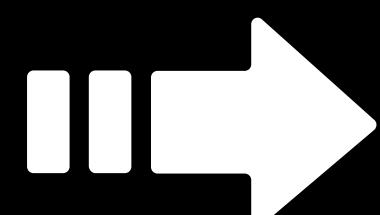
```
SELECT c.country_name, COUNT(*) AS num_tariffs
FROM Tariff t
JOIN TariffEvent te ON t.event_id = te.event_id
JOIN Goods g ON t.goods_id = g.goods_id
JOIN Country c ON te.source_country_id = c.country_id
WHERE g.goods_name = 'Automobiles'
GROUP BY c.country_name
ORDER BY num_tariffs DESC
LIMIT 1;
```



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# OUTPUT

Query #1 Execution time: 0.71ms	
country_name	num_tariffs
China	3



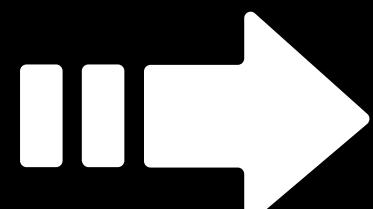
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## 2. FIND THE MAXIMUM TARIFF RATE IMPOSED ON "ALL CHINESE GOODS" BY THE UNITED STATES ACROSS ALL EVENTS ?



US-China Trade War Tariffs SQL Analysis

```
SELECT MAX(t.rate) AS max_tariff_rate
FROM Tariff t
JOIN TariffEvent te ON t.event_id = te.event_id
JOIN Goods g ON t.goods_id = g.goods_id
WHERE g.goods_name = 'All Chinese goods'
AND te.source_country_id = 1 -- United States;
```



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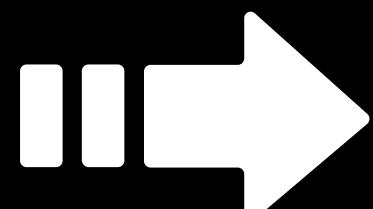
# OUTPUT

Query #2

Execution time: 0.57ms

**max\_tariff\_rate**

145.00



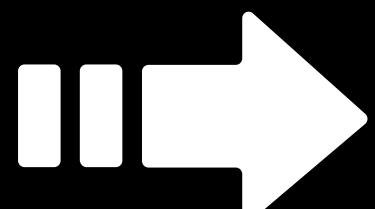
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# 3. HOW MANY DISTINCT GOODS HAD TARIFFS IMPOSED BY CHINA ON THE UNITED STATES AS OF APRIL 9, 2025?



US-China Trade War Tariffs SQL Analysis

```
SELECT COUNT(DISTINCT g.goods_name) AS num_goods
FROM Tariff t
JOIN TariffEvent te ON t.event_id = te.event_id
JOIN Goods g ON t.goods_id = g.goods_id
WHERE te.source_country_id = 2 -- China
    AND te.target_country_id = 1 -- United States
    AND t.effective_date <= '2025-04-09';
```



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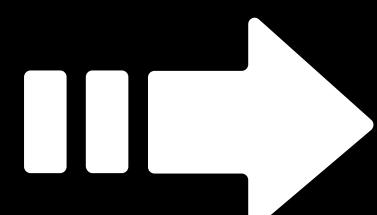
# OUTPUT

Query #3

Execution time: 12.58ms

num\_goods

4



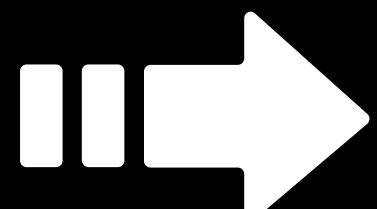
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# 4. FIND THE LIST OF EVENTS WHERE THE TARIFF RATE WAS 25% OR HIGHER ?



US-China Trade War Tariffs SQL Analysis

```
SELECT te.event_date, te.description, g.goods_name, t.rate
FROM Tariff t
JOIN TariffEvent te ON t.event_id = te.event_id
JOIN Goods g ON t.goods_id = g.goods_id
WHERE t.rate >= 25.00;
```

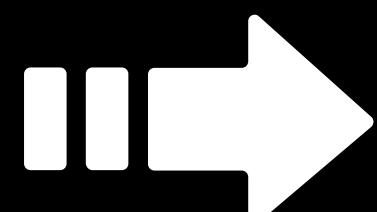


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# OUTPUT

Query #4 Execution time: 0.42ms

event_date	description	goods_name	rate
2025-04-05	10% universal tariff goes into effect, China total at 30%.	All Chinese goods	30.00
2025-04-09	Trump hits China with an additional 84% levy.	All Chinese goods	104.00
2025-04-09	Trump raises tariff to 145% on Chinese imports.	All Chinese goods	145.00
2025-02-10	25% tariffs on steel and aluminum imports from all countries.	Agricultural machinery	25.00
2025-03-12	25% steel and aluminum tariffs take effect.	Agricultural machinery	25.00
2025-04-09	Trump hits China with an additional 84% levy.	Agricultural machinery	25.00
2025-04-09	Trump raises tariff to 145% on Chinese imports.	Agricultural machinery	25.00
2025-03-26	Trump announces 25% tariffs on automobiles.	Coal and LNG	25.00
2025-04-03	25% tariffs on cars come into effect.	Coal and LNG	25.00
2025-04-09	Trump hits China with an additional 84% levy.	Coal and LNG	25.00



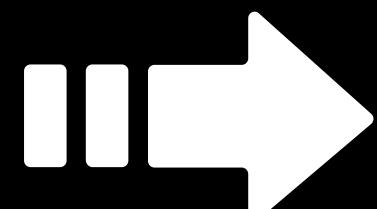
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# 5. FIND THE AVERAGE TARIFF RATE IMPOSED PER MONTH ?



US-China Trade War Tariffs SQL Analysis

```
SELECT MONTH(t.effective_date) AS month, ROUND(AVG(t.rate), 2) AS avg_rate
FROM Tariff t
GROUP BY MONTH(t.effective_date)
ORDER BY month;
```

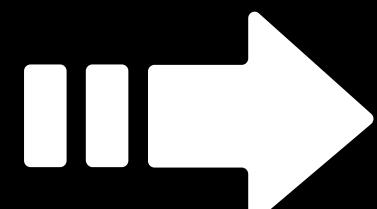


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# OUTPUT

Query #5    Execution time: 7.61ms

month	avg_rate
2	14.00
3	17.50
4	37.71



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