Group 6 Project 3 Proposal

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Brief Summary:

We are working with country-level tariff data announced on April 2, 2025, detailing percentage rates applied to 185 nations—of interest due to its broad geopolitical and economic implications in reshaping global trade dynamics.

We will develop a data visualization tool illustrating the global impact of tariffs announced by President Trump on April 2, 2025. The tariff data—covering 185 countries and corresponding tariff percentages—will be sourced from this Wikipedia page. This information will be structured into a SQL database for easy access and querying.

Using JavaScript libraries such as Plotly, Leaflet, and D3.js, we will create interactive visualizations. Features will include dropdown filters to categorize countries based on tariff percentage ranges and highlight geographic or economic patterns. The goal is to provide a clear, engaging view of how these tariffs are distributed globally.

Possible Questions to Ask of the Tariff Data:

1. Which countries received the highest tariffs, and what patterns emerge among them?
   ○ Helps identify possible political or economic motivations behind the tariffs.

2. How are the tariffs distributed globally by region or continent?
   ○ Useful for geographic visualizations and understanding regional impact.

3. How many countries fall into each tariff percentage range?
   ○ Enables clear grouping and filtering in dropdowns or charts.

4. Are there any countries exempt from tariffs, and what do they have in common?
   ○ Highlights strategic relationships or exceptions in policy.

5. What is the average tariff per region or trade bloc (e.g., EU, ASEAN, NAFTA)?
   ○ Gives a comparative view of how groups are affected collectively.