Proposal

US International Trade

Group : CRYTILITICS

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Objective:

The objective is to analyze the export and import trade volume data between US and other countries.

Purpose:

The purpose is to visualize the effect of tariffs on US imports and exports.

Data Sources considered:

1. <https://www.uschamber.com/tariffs>
2. <https://dataweb.usitc.gov/>
3. https://usatrade.census.gov

**Expected Outcome:**

Link to Mockup site - <outcome-mockup.html> (click on the navigation to see samples)

**Description of outcome:**

The outcome will be a website with the following pages.

* Home Page – Content will be an interactive political world map with all the countries. The countries, when selected, will display the total volume of commodities(in terms of US Dollars) exported to and imported from the US.
* Commodities and Countries Search/Results Landing Page -
  + A selection of countries(5)
  + A selection of commodities(5)
  + A selection of years(3)
  + When selected and searched, the results of the trade volume will be displayed based on the search criteria. The display format will be either in the form of a table or it will be a visual representation.
* Data Landing Page – Will display a sample dataset
* Visualization Page – Will display a visual representation of the trade flow analysis with a flow map
* Navigation: All pages will have a common navigation menu(if possible will have a location-based breadcrumb feature)
* Header/Footer- All Pages will have a common header and footer