Project 2

Worldwide Military Spending Analysis

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Course:

Data Visualizations

# Project Purpose

We want to show a United States centric view of military spending throughout the world by way of military conflicts the United States was involved in. Our goal is to show that military spending increases as conflicts affect other nations.

# Data Set

We will be pulling data from the World Bank website (data.worldbank.org).

# Additional JS Library

We will be using SQLite Node.js to pull data from out SQLite DB.

# Presentation and Visualizations

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| Presentation  We will create an interactive dashboard with multiple dropdowns. One dropdown will allow the user to identify total military spending vs. spending as a percentage of the country’s total GDP. The second dropdown will allow the user to select the time frame to look at, either by specific year or by “era”. We hope to highlight United States Military conflict eras as an option (the Vietnam War, the Cold War with Russia, the Persian Gulf War, etc.) | Visualization  Our visualizations will include a world heat map that dynamically changes based on dropdown selections. We also will have a bar chart that displays each of the top 10 countries spending, and a line chart comparing total military spend to spend compared to GDP. |

# Heat Map

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# GDP and TMS

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# Bar Chart Race

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