Wars of the middle east

A song of stats and data

By Eli Hundia

Data Visualization course, MSC, Haifa university

Dr. Peter Bak

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Introduction

The project is about a range of different stats and data over the years about Israel and its tier-1 neighbors, Joran, Egypt, Lebanon and the Palestinian authority.

The project focuses the times of wars between the countries, several years before and after each war in hope to see how a war has influenced the countries involved in different aspects such as population stats, financial stats, education and military.

I believe that presenting the raw data collected, in an aspect of how the past wars in the middle east had affected the fighting countries and the region, can be an extremely useful tool for researchers from different fields, fields like economics, history, social researchers and more.

The data - The "What stage"

Background

The source for all the data was the "World bank of data", https://data.worldbank.org/, in which I extracted a subset of data for the countries mentioned above. I Also relied on Wikipedia for a general description of each war.

The data gathered is a subset of a larger data about countries worldwide, Data that is categories over 1506 different categories about a variety of different interests and topics such a population, economics, education and much more.

The subset data collected is of the years 1960 to 2016, and for the tier-1 countries surrounding Israel.

Format

The data itself comes in a CSV format, which is a Table dataset type with items and attributes which are categories and ordered sequentially by years. The values themselves are quantitative.

The dataset has 3 key attributes that play a role in defining the dataset

- The country
- The Type of data called Category
- The value in a given year.

The dataset comes in 3 separate files

1. The primary dataset file contains lines of the following attributes:
    - Country name

- Country code
- Category indicator name
- Category Indicator code
- Values for the indicator per year, ranging from 1960 to 2016.

2. A category explanation file, which maps a category to its extended explanation / information about it.
3. A mapping file form the country indicator code to its actual country name. (Unnecessary since in the primary file there is both).

Usage manner

For convenience, the dataset was converted from CSV files to JSON files to ease of work in JavaScript in which JSON format comes naturally in the language.

The way I treated the data is in a three-dimensional manner where the 3rd dimension is by looking at each year at several countries per category.

Add a Quote

> **"Use the Quote style to call out a quotation or other important point from your text."**

Picture Perfect

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Talk:

1. What – explain the data
2. Why - User task – Questions and what can you learn.
    a. Action
    b. Target
3. how – Why this visualization – Show visualization example screenshot for each action target.
    a. Explain the process, tried bar chart show the bar chart and show why its bad.
    b. Why line chart is better
4. Evaluation

a.