Information Visualization

Task IV: Linking Idioms

Objective

Interaction with visual idioms is a cornerstone of decision-making and data analysis. The last task will ask you to develop some features to support user interaction. You are going to create a tooltip for the visual charts and a selection drawer for one or more countries when they are clicked.

Requirements

Look at the list of videos that is published in the Lab Classes page in Moodle. You must watch the *Geo Tutorial* video. Implement both idioms (Choropleth Map and Scatterplot) from the *Geo Tutorial*.

Task

Implement a tooltip showing country's name, incomeperperson, alcconsumption, and employrate. This tooltip appears next to the mouse pointer when the user hovers a mark. You also must create a drawer section at the bottom of the page. Whenever you click on a mark, the country's name is added to the drawer. Clicking on it again (either in the drawer or a mark) removes it from the drawer.

Tasks to perform during the lab

The group will present the task in the laboratory to the professor. Each student in the group needs to attend the class to be granted the grade. **The professor will also ask each group member to complete an individual task.** These individual tasks will require each student to tweak the code presented to implement Task IV. Keep in mind that the individual evaluation depends on the quality of the answers.