

Data Visualization Map or Timeline Assignment

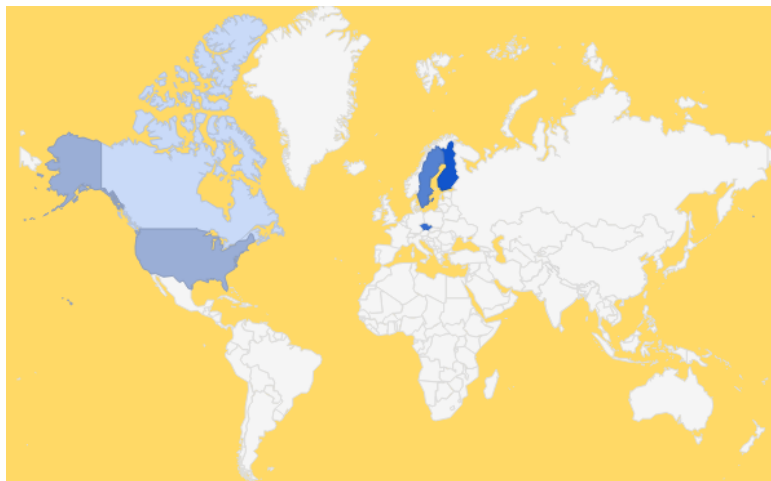
U.S. and the World INTL 396 and the Global Drug Trade, INTL 407

About this Assignment:

For this project you will represent data visually by means of either a timeline or a map. The data will reflect either some aspect of the United States' relationship with the rest of the world, or some feature of the global drug trade. The goal of this assignment is to help you research your final topic, and to visualize information related to this issue. It allows you to develop your skills displaying information, which you can use later in other courses or your workplace. You will provide a link to this project in a Word document that you will upload to "assignments" in D2L at the end of week seven. This Word document will also have a two to three paragraph data reflection, which will ask you to analyze your project: what is the most important message or information that your project conveys? Why do you think that information is significant, and how does your project convey it? What other interesting information can be seen in your data visualization? You have all of week seven in the course to work on this project. You will also provide a link to this assignment in their final presentation. You must also cite the data source(s) that they used in APA format.

View an example in the course content for week four. **If you are viewing this material on a mobile device you may need to scroll horizontally as well as vertically to read all information.*

- Timeline: 3 Weeks.
- Create either: *a data visualization map -or- create a timeline* that includes a minimum of two charts showcasing data related to your research and write & submit a two - three paragraph reflection on your work.
- [Watch a video reviewing the materials & resources for this assignment](#)
- [Review the grading rubric for this assignment](#)
- [Explore an example of a data visualization map](#) including how the data is structured:



[INTL 396 Data Visualization Map Example](#)



Dynamic Learning Materials

This assignment includes many opportunities and materials for you to learn from. We will be using a variety of items to complete this assignment. We will be using:

- [Google Sheets](#) (if you select a map. It is free with pdx.edu email account through drive - no download necessary).
- [Timeline.js](#) (if you select a timeline. Software is free and also uses google sheets).
- [Statista](#) (**remember to access through library.pdx.edu for access.** How-to-videos will walk you through how to do this.)



How To Media

This two part video series walks you through step-by-step on how to create your data visualization and gather data using the statista database for your timeline.

Watch the how-to series **if you are creating a map:**

- [Review the Sample Map](#)
- [Part 1: Data Visualization Guidelines](#) (2:50 min duration)
- [Part 2: Mapping](#) (2:26 min duration)
- [Mapping Data \(part 3\)](#) - 2:13 duration
- [Exporting Data \(part 4\)](#) - 1:26 duration



Ask Questions, Get Help, And Help Others

- Have questions about this project? Email Professor Smallman.
- Worked through a problem, know an answer to a question, or problem-solved a tricky obstacle? Post to the course discussion board as a resource for your peers.
- D2L course: You will submit all materials as well as collaborate and ask questions in the course.



Due Dates

Please review the term due dates for this assignment and be sure to ask questions.

- **Week 4** Work begins. This week you should explore whether to create a timeline or a map. Begin your research.
- **Week 5** Decide on your project format and research.
- **Week 6:** You should have at least half of your project complete.
- **Week 7:** You will share your Data Visualization Map or timeline on the discussion board. Edit your work based on your peer's feedback. The project is due Friday of this week.



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