Data Visualization

Final Project guidelines

8 November 2019

Objective:

The objective is to show how you managed to use visualization concepts and techniques to transform data into a meaningful **interactive visualization**. Maximum of 4 students per group. The project should be implemented using Plotly with Dash software. It is not enough just to develop a sophisticated application, you NEED to frame it using Data Visualization techniques and concepts explored during the course.

Deliverables:

You should produce **a short report** (less than 5 pages, excluding references) which includes:

- Title
- Authors
- Dataset description (you are free to select what dataset you prefer).
- Visualization and interaction choices
    - Explain what the inspiration for this work was (paper? Website?)
    - Explain what the type of interaction is going to be available to users.
- Reading the visualization
    - Data encoding (what data encodings were used?).
    - Data filtering (will the user be able to select data for interactive visualization).
- Technical aspects (explain how you implemented the project, provide the code used in a **GitHub** page).
- Discussion (explain what you have accomplished, limitations, future work).
- References (use Mendeley software or equivalent to organize your references). Be very careful with plagiarism (more information here).
- Additionally, the project must be deployed online for evaluation.

Deadlines:

- The report should be delivered until **15 of January**.
- You should present and discuss the final project in **21/22 January**. The presentation should not exceed 10 minutes, followed by a 5-minute discussion. A presentation calendar will be arranged and published on Moodle.