

## Data Visualization 2021 – Group Project 2

**Topic:** Open

**Team:** 3 to 4 members

**Delivery date:** April, 5<sup>th</sup> 2021 end of the day.

### **Objective:**

The objective is to show how you managed to use visualization concepts and techniques to transform data into a meaningful **interactive visualization**. The project should be implemented using Plotly with Dash software. It is not enough just to develop a sophisticated application. You **NEED** to tell a story.

### **Deliverables:**

You should deliver **a short report in moodle** (less than 3 pages, excluding references) which includes:

- Title
- Authors
- Dataset description (you are free to select what dataset you prefer).
- Visualization and interaction choices
  - o Explain what the inspiration for this work was (paper? Website?)
  - o Explain what the type of interaction is going to be available to users.
- 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.

### **Tips for a Successful Project**

- Focus on a compelling real-world problem.
- What is your audience?
- Consider multiple design alternatives.
- Seek feedback before delivery (representative users, peers, ...).
- Start early (looking for, exploring, and preparing data will take most of your time).
- Remember, you are not presenting your project and you will be peer-reviewed!