Final Project Proposal

(due March 10th 7:00p.m)

This document outlines the guidelines for the project proposal. You can start working on the project once your proposal is accepted and graded by your TA on gradescope. The entire final project is worth 25% of your final grade and the proposal takes account for **5%**. There is no late-submission on the proposal.

Submission Guideline

Download this google doc, fill the table and submit it in **PDF** format on Gradescope.

If you need some inspirations please feel free to take a look at:
Showcase of Information is Beautiful Awards

Project Proposal

	Description
Project Topic	Netflix Movies and TV Shows
Dataset Description	Provide 1) the list of attributes and 2) a single item in the dataset as an example. 1) show_id Text_formattype, text_formattitle, text_formatdirector, text_formatcast, text_formatcountry, calendar_todaydate_added, grid_3x3release_year, text_formatrating, Text_formatduration, 2) s1 Movie Dick Johnson Is Dead

	Kirsten Johnson United States September 25, 2021 2020 PG-13 90 min
Dataset Link	https://www.kaggle.com/datasets/shivamb/netflix-shows
Why you chose this particular dataset. What kind of story you aim to deliver (e.g “Sales analysis of company xyz”)	Hint) You can refer to the storytelling lecture slides. I chose this dataset because I am interested in this topic. The dataset is nice and clean which makes it easier for me to visualize it. I am trying to analysis the tv shows/movies of Netflex
1 plot with 0 Key and 2 values	i) Question you are asking from this graph. The amount of each genre of movie produced in each year ii) Columns you are going to use year/ type of movie iii) Type of graph Scatter plot
1 plot with 1 key and 1 value	i) Question you are asking from this graph. The amount of each type of movie/tv shows ii) Columns you are going to use type of movie/tv shows iii) Type of graph Bar chart
1 plot with 2 keys and 1 value	i) Question you are asking from this graph. The amount of different type of shows directed by each director ii) Columns you are going to use

	country, type, id(to calculate total amount of movies) iii) Type of graph Stacked bar chart
1 geometric visualization	i) Question you are asking from this graph. How many shows/movies produced by each countries ii) Columns you are going to use Country iii) Type of graph Geomap
1 visualization from - box plot, node-link diagram, adjacency matrix	i) Question you are asking from this graph. What is the release for each type of media(movie/tv shows)? ii) Columns you are going to use Released year/ type iii) Type of graph Box plot
1 interactivity using Buttons	Describe in which visualization you plan to add the button-related interactivity I'm planning on using it on the bar chart. The button will sort the bar chart.
1 interactivity using Tooltips (Display data on hover).	Describe in which visualization you plan to add a tooltip. mouseon(),mouseoff() On my geomap
1 interactivity using Animation.	Describe 1) what type of animation you plan to add and 2) in which visualization you plan to add. 1) transition() duration() 2) I am planning on using it on the bar chart .

1 interactivity not learned in class	Describe 1) what type of animation you plan to add and 2) in which visualization you plan to add. I am planning on using `d3.zoom()` in my scatter plot.
Any creative form of plot you want to try for the five you selected above? (e.g. pictogram)	Hint) You can refer to the storytelling lecture slides. Note) This is going to be for extra credit. I think i might wanna use pictogram