

Daniel Ip

Final Project

### Messaging:

With my choropleth map, I am communicating the change in food insecurity in different countries all over the world over the past ~30 years.

### Narrative Structure:

Although uncompleted, my project was suppose to be follow the martini glass. It does this by showing two scenes that are author driven. The first two scenes are the first and last images between 30 years. The author has the control as I've chosen the parameters of the first two scenes. And in the end I allow the user to have control of the parameters and explore themselves.

### Visual Structure:

Each scene uses a choropleth map. Which uses a color scale from black to red (red being higher) depending on a percentage of people suffering from modern to severe food insecurity in a 3 year period.

### Scenes:

The first scene is the image from 1999-2001. The second scene is the image from 2022-2024. And the last is just 2022-2024 again. Now it will allow the user to control the dates. This makes it a martini because the author has control of parameters until the end.

### Annotations:

I used a gradient bar and text to show how black is 0% and red is 100% of people suffering from food insecurity. It allows the reader to know which color is related to what data. The gradient helps show a gradual increase from more saturation. I didn't have more time to put more annotations to help give more understanding.

### Parameters:

The parameters of the visualization is time. You are able to have control through a drop down menu. As the parameters change, the countries will change colors based on the block of years chosen. The states

### Triggers:

I used back and next buttons as triggers. They allow the user to change from scene to scene. With the last given control to the user. (I wasn't able to implement the functionality and different scenes.) The buttons are left and right arrows which are commonly used in other program. So they represent a back or forward momentum in the visualization.