

Design Rough Out

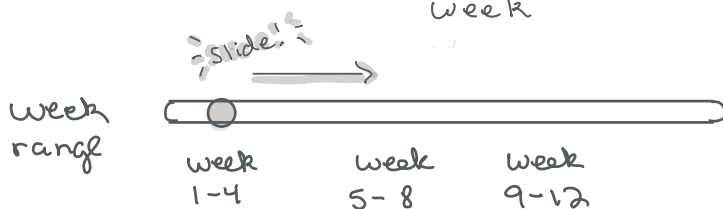
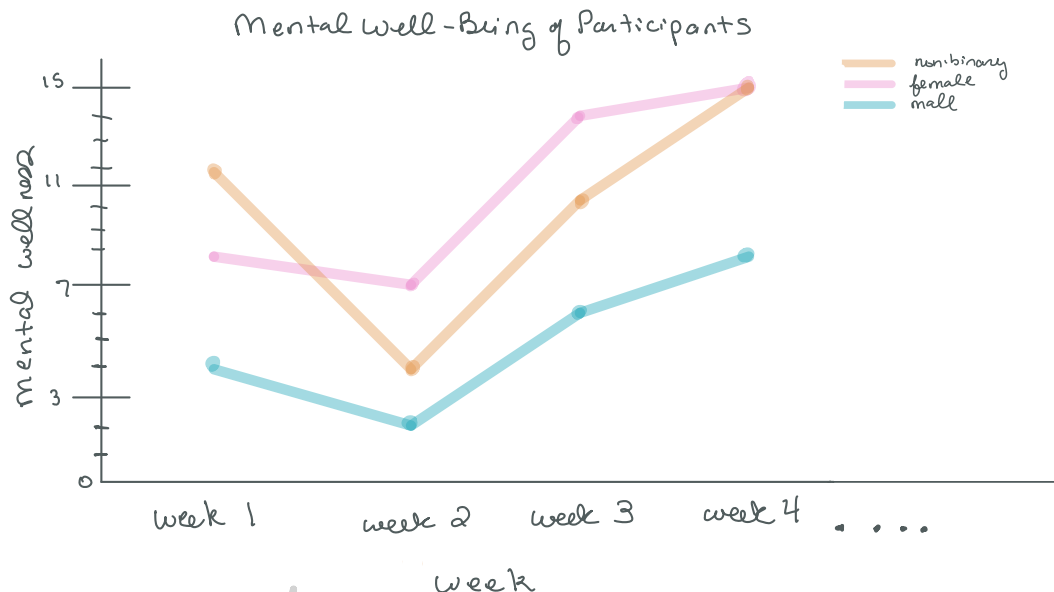
- Marcos Juarez: Data prep, overall design flow
- Amber Vasquez: Bar graph design, code, interactions
- Thomas Porter: Line chart design, code, interactions

Data Transformation: manipulate the raw data and combine data frames to make data ready to visualize

LineChart

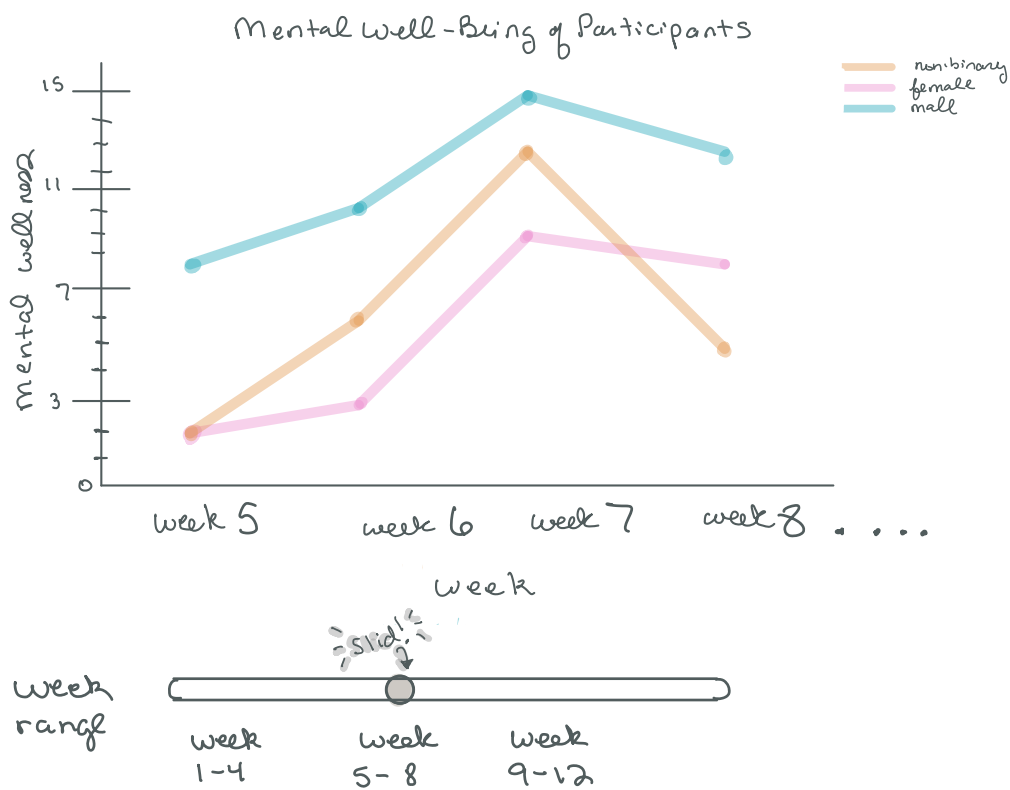
We will create a line chart that tracks participant well being over the duration of the study, for example week by week

Landing Page





Transition: use slider tool to scan over to future weeks in the study, or scan back. Helps user see trend over longer amount of time with detail

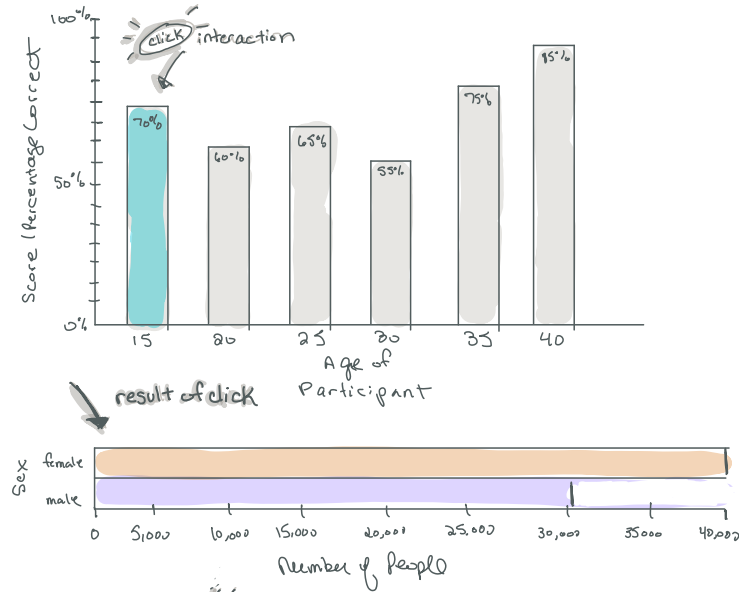


With the combined visualizations of a line chart and Bar chart, we believe our user Amanda can easily see ways social media affects people, measure the depth of the effects, and inform policy makers on how to reduce negative effects through regulation.

Bar Chart

We will also create a distribution of ages and scores with a linked histogram of sex distribution of current selection

Distribution of Scores and Ages



Transition, change selection to age 20

Distribution of Scores and Ages

