Anxiety and Depression Disorder Exploration During COVID (Starting April 2020)

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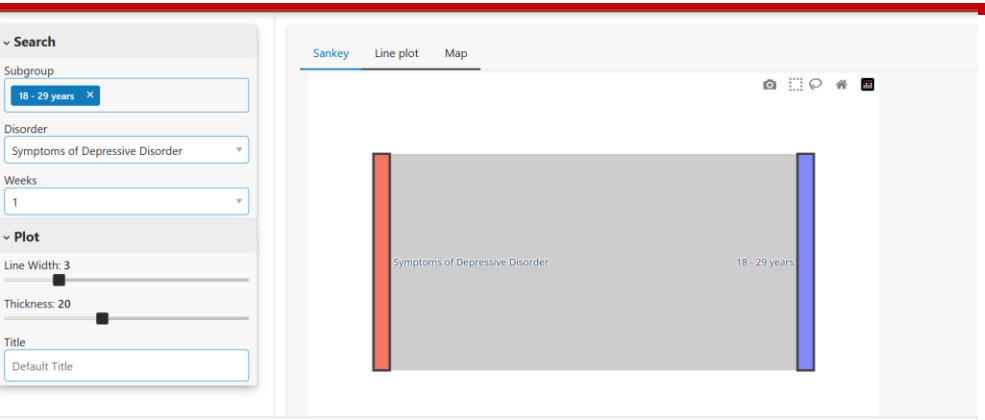
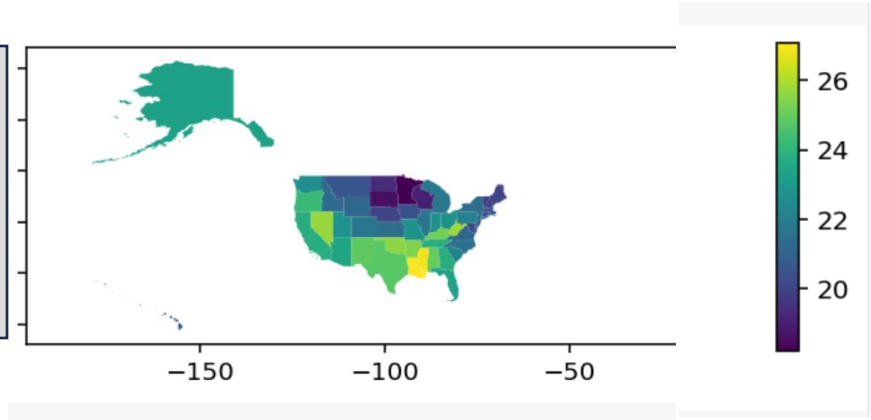


Make a Sankey Diagram with the disorder type that maps to the subgroup chosen, the thickness maps to the thickness maps to the percentage of the subgroup that experiences the disorder. Modify the thickness of the nodes, the thickness of the lines around them , and give a title to the plot using the plot card.

Make a Line plot to compare multiple different subgroups, choose the disorder and the number of weeks. Modify the Title of the plot using the plot card.

The dataset includes estimates of certain subgroups that experiences anxiety symptoms, depression symptoms, or symptoms of both. This dashboard helps to visualize the comparisons between groups as well as how these values changed over time.



Make a map of all of the states and the percentage of the citizens that experience each disorder.

Resources:

National Center for Health Statistics. (n.d.). *Anxiety and Depression.* U.S. Centers for Disease Control and Prevention. https://www.cdc.gov/nchs/covid19/pulse/mental-health.htm

Data Resources:

National Center for Health Statistics & U.S. Census Bureau (2020). *Indicators of Anxiety or Depression Based on Reported Frequency of Symptoms During Last 7 Days* [Data set]. U.S. Centers for Disease Control and Prevention. https://catalog.data.gov/dataset/indicators-of-anxiety-or-depression-based-on-reported-frequency-of-symptoms-during-last-7-

U.S. Census Bureau (2024). *tl_2024_us_state* [Data set]. U.S. Census Bureau. https://www2.census.gov/geo/tiger/TIGER2024/STATE/

Code Resources:

geo_plot() and generate_plot() code adapted from Code example in Documentation in Panel Holozviz, Using Pandas .plot(), code can be found here: https://panel.holoviz.org/reference/panes/Matplotlib.html#using-pandas-plot

geo_plot() and generate_plot() code adapted from code from Professor Laney Strange titled Geopandas w/election Data, March 19, 2023, Code can be Found Here: https://course.ccs.neu.edu/ds2500/schedule.html