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Dataset:

1. Covid cases per 100k in the United States over the last 7 days: https://covid.cdc.gov/covid-data-tracker/#cases casesper100klast7days

2. Format: .csv file (scroll down and click 'Download Data' button)

Traversal Algorithm:

BFS (Breadth First Search)

Due to USA's elongated nature we decided to use BFS as opposed to DFS because we feel BFS is more efficient on graphs with long paths like there are when traveling from coast to coast

Two Additional Algorithms:

- 1. Shortest Path: Dijkstra's Algorithm
 - a. We will use the shortest path algorithm to find the 'safest' route one should travel to get from one state to another. Edges between states will be weighted based on the latest amount of covid cases

2. Landmark Path

a. This algorithm is used to find the shortest path between two points that also travels through a third, specified point. We feel this algorithm is relevant to our project as this algorithm will allow us to determine the route one should take to go from one state to another, hitting a third state along the way while having the lowest percentage of encountering people who have contracted the virus