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Project overview:

My project is the pathing find algorithm which analyzes five search algorithm to estimate their in finding the city. I utilized matplotlib lib for visualization.

My interaction with chatGPT

Create the breadth first to analyze cities with their neighbors

Create the A star to search through cities and their neighbors

Create A depth first search to search from cities

Create visualization with matplotlib analyzing plotting the cities being traversed by a-star

How do I create a function to analyze the time in microseconds for a-star, best first search, depth first, breadth first, and id-dfs algorithm while the user is selecting the algorithm he wants to analyze