Wynnie Gross

SSJ 302

Final Project Proposal

**Topic: Urban Mobility and Sustainable Transit Options**

Scope: I want to do an analysis of bike infrastructure, transit, and road congestion in Washington DC to create a tool that shows potential users the best ways to move around the city at given times and from given locations.

Purpose: Give people reason to use more sustainable options (i.e. biking, walking, transit) other than driving by demonstrating how much faster and how much carbon they would be saving based on their travel plans.

How I would Use Python: Using pandas to clean and organize data, using matlibplot to make charts, etc, and potentially creating a map figure and input features so users can input where they need to go and when to find the most efficient route.