Project Proposal

1. Name of the project and team members

   Project name: Adult Diabetes in the United States

   Team members: Pei-Jou Liu

2. What problem are you trying to solve?

   Diabetes rates are different in each state. The purpose of this project is to identify which states have the highest and lowest prevalence of adult diabetes, analyze the relationship between rates related to obesity and lack of exercises, and find any clear regional patterns.

3. How will you collect data and from where?

   To collect the data, I will use the data resources from CDC, American Diabetes Association, Food Access Research Atlas, and etc to obtain the primary prevalence of adult diabetes with obesity and lack of exercise as background information.

4. What analysis will you do and what visualizations will you create?

   To analyze, I'll measure relationships between adult diabetes and with some factors such as obesity and lack of exercise. I will create scatter plots for diabetes and obesity and lack of exercise to clearly show the relationships. In addition, I will still rank states to show the 10 highest diabetes states and look for geographic patterns.