

**Special Topics: Data Analytics and Visualization in Healthcare**  
**CSCI-GA.3033-096 (19635)**  
**Final Project Proposal and Plan (Part II)**

**Instructions:**

Please provide a two-page narrative describing your project and include the following sections:

**1) Introduction and background**

Discuss your motivation for picking your topic. Include any sources that inspired you. Give context and relevance.

**2) Objectives and goals**

What do you want to learn and accomplish? What questions do you want to answer?

**3) Datasets**

Describe at least one data set that you intend to use. For each dataset, you can include the following:

- Where did you find the dataset?
- Why was the data created, and for what purpose? Who collected the data? Who funded the project that the data came from?
- Descriptions of important publications associated with the dataset.
- How large is the dataset (cases, variables)?
- What locations are included in the dataset?

**4) Project Plan**

Please include the following:

- Propose the visualizations you want to employ in your project, listing the variables they will use from the dataset(s). Briefly describe the predictive analytics methods you plan to use in your project. The minimum number of required visualizations and predictive analytics methods depend on the number of students in the group and is specified in the following table:

<b>Number of students per Group</b>	<b>Minimum Number of Visualizations</b>	<b>Minimum Number of Predictive Analytics Methods</b>
1	4	1
2	6	2
3	8	3
4	10	4

- Please make it easy for the reader to understand the variables that you are using. Tell the reader which dataset each variable comes from, the variables' units of measurement (or categories), and any other additional information that you believe would be pertinent for the reader to know. Many large datasets include accompanying documents that describe variables in detail. Please explore that documentation.
- Comment on how your proposed visualizations and predictive analytics methods will address the goals and objectives of your project.

## **5) References**

- Please use in-text citations in your paper and a citation format such as APA.
- Please use at least six (6) credible sources in your paper.

## **6) Submission**

Please submit a word/PDF file.

### **Notes:**

- This is a group assignment.
- Due date: October 30 by 11:59 PM EST.