Project Plan   DATA 205

There are two pieces to the project plan:

1. a written report and
2. an in-class presentation.

Written Report: Address each of the following items in your report. Each item should be a section in your report. The length of the report should be about 1-2 pages. (No longer than 2 pages!). Use 1 inch margins, 12 point font, and single spacing.

In-Class Presentation: Create a Power Point or other presentation that summarizes what you wrote in your report for each of the following items. Your presentation should be about 5 minutes.

I expect your written reports and presentations in this class to be written in a professional, technical style that is suitable for the audience.

Be specific with your answers to these questions!!

1. List the datasets you plan to use for your project. Note the source of each dataset (dataMontgomery, Opportunity Atlas, census bureau, etc.) and give a link to it. Depending on your project topic and how large your datasets are, your list will probably be around 3-5 datasets.

2. List the questions you plan to research about your datasets. For each question, note how you plan to find the answer (visualization, t-test, k-means clustering, random simulation, bootstrapping, etc.) and which datasets you will use to find the answer. You should have at least 10 questions that you would like to answer across all of your datasets.

   (One of the goals for this project is to discover what stories your datasets tell, and then actually write up those stories! Think about what insights you can possibly gleam from your datasets. The questions you plan to research will help you find these insights/stories.)

3. Give the tools you plan to use for each phase of the project: Choice of Datasets & Topics, Data Ingestion & Wrangling (Cleaning), EDA, Statistical Analysis, Data Visualization.

Grading Rubric

Written Report [40 pts.]	Score
Q1. Datasets [10 pts.]	4 – Meets Expectation 3 – Sufficient, but minor improvements needed 2 – Insufficient, a few major improvements needed 1 – Insufficient, many major improvements needed Score * 2.5 =
Q2. Research Questions [20 pts.]	4 – Meets Expectation 3 – Sufficient, but minor improvements needed 2 – Insufficient, a few major improvements needed 1 – Insufficient, many major improvements needed Score * 5 =
Q3. Tools [10 pts.]	4 – Meets Expectation 3 – Sufficient, but minor improvements needed 2 – Insufficient, a few major improvements needed 1 – Insufficient, many major improvements needed Score * 2.5 =
Written Report Total	

Presentation [20 pts.]	Score
PowerPoint (or other) Presentation [10 pts.]	4 – Meets Expectation 3 – Sufficient, but minor improvements needed 2 – Insufficient, a few major improvements needed 1 – Insufficient, many major improvements needed Score * 2.5 =
Oral Presentation Skills [10 pts.]	4 – Meets Expectation 3 – Sufficient, but minor improvements needed 2 – Insufficient, a few major improvements needed 1 – Insufficient, many major improvements needed Score * 2.5 =
Presentation Total	

Format [Expected]	Score Deduction
Did you follow the expected format for the report and presentation?	0 – Yes -20 – No

Total Score	