

## Project 1 Deliverables

### PART ONE: Project Proposal

On average we expect proposals to be about half-a-page long. Please create a document containing the following

#### 1. *Dataset*

State what data you plan to use - either which one of the datasets we've suggested, or another dataset of your choosing. Provide detailed description of your data set

#### 2- *Goals*

Wherever applicable, provide updated set of questions based on the feedback you've got, regarding points you want to make, or issues you wish to explore through the data.

Be as concrete as possible

**[2 Marks]**

## Part 2 & 3

Due Date: **Week 7**

### PART Two: Data Preparation

**[11 Marks]**

Perform the following tasks: -

1. Clean and tidy the selected data sets, and deal with **ALL data quality problems**

**you have in your data sets**, and drop any extra columns.

**[8 Marks]**

2. Do the necessary data encoding and aggregation.

**[5 Marks]**

### PART Three:

#### **Data Visualization and Interpretation (Question Answering)**

**[14 Marks]**

3- Visualize your data with the visualization type that help you to answer your questions

**[6 Marks]**

4- Provide answers to your questions, with detailed comments on the relationship you

discovered and refer to the data visualization you made in the previous steps. **[8 Marks]**

Include a link to the source of the data, and discuss any difficulties you anticipate getting the data ready for analysis.