[Your project name]

[Your team name]

**Data Science Capstone Project   
Data Acquisition and Pre-Processing Report**

Date:

[Month/Day/Year]

Team Members:

Name:

Name:

Name:

Name:

[The purpose of this report is to describe the data of your project. It includes three major sections: Data Sources, Data-Processing, and Appendix]

**Identifying Data**

**Data Sources:**

[Identify the data sources of your project. It may have more than one data source. Describe each of them and explain why you select the data sources.]

**Acquisition Process:**

[Describe the data acquisition process. Is the dataset ready for download? How do you download the data? Do you need to write your own code to acquire the data from a public or private source? Describe how you do it. Are there multiple data sources? How do you integrate the data from multiple sources? Any other process involved in the acquisition process?]

**Issues:**

[Are there any potential issues in data acquisition that have not be solved yet?]

**Data-Processing**

[Examine the data you have acquired and understand the data properties. Is there any pre-processing you need to do before you can start analyzing the data? For example, missing data, sparsity, noise, veracity, ambiguity, interoperability, etc. Describe each data issue in a sub-section and explain how you clean up the data.]

**Appendix**

[Provide the code or pseudo code, data definition, sample data, and any other information in the appendix here.]

Table of Contributions

The table below identifies contributors to various sections of this document.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Section** | **Writing** | **Editing** |
| **1** | **Data Sources** |  |  |
| **2** | **Data Pre-Processing** |  |  |
| **3** | **Appendix** |  |  |

**Grading**

The grade is given on the basis of quality, clarity, presentation, completeness, and writing of each section in the report. This is the grade of the group. Individual grades will be assigned at the end of the term when peer reviews are collected.