**A close-up of a document

Description automatically generated**

**Data Analysis – Group Project**

**Group Members:**

|  |  |
| --- | --- |
| **Group Member Name** | **Group Member X Number** |
| Jason O’Connor | X00191019 |
| Brandon Kelly | X00189349 |
| Nathan Kelly | X00182498 |
| Lee Clark | X00189621 |

**Project Overview:**

1. **Import Data:** Show and Use Python to Import the Dataset
2. **Data Cleaning:** Clean, Pre-Process Dataset with Python
3. **Data Manipulation:** Shae Dataset for Analysis & Visualization
4. **Data Visualization:** Display Data using Plots & Graphs
5. **Hypothesis & Analysis:** Formulate based on Data and do Relevant Statistical Test, Making Interpretations
6. **Advanced Analysis:** Include Linear Regression, Multiple Regression, etc.

**Deliverables:**

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| --- | --- |
|  | **Deliverables (Submit Via Moodle)** |
| **1.** | Dataset Selection / Collection |
| **2.** | Technical Report: Python Notebook w/ Code |
| **3.** | Report: 2k – 3.5k Words |
| **4.** | Presentation |

**Report Overview:**

1. **Word Count:** Anywhere between 2000 - 3500 Words
2. **Brief Introduction:** Explain the Dataset, Where We Got It From
3. **Problem:** Explain the Problem We Attempt to Solve
4. **Results & Findings:** Explain Findings, Talk about Results w/ Referencing and Outcomes

**Delegation of Tasks:**

**Nathan Kelly:**

1. Data Selection & Collection
2. Data Pre-Processing

**Lee Clarke:**

1. Data Visualization

**Brandon Kelly & Jason O’Connor:**

1. Statistical & Advanced Analysis

Nathan Cleans Data, Comments and Adds to the Report

Then, Lee Makes Graphs and Explains Why in Report

Brandon and I Work on Analysis, Using Graphs, and Add to Report