Raphael Jay Esocisa BSCS-3 F3

**Progress Report**

**Date: September 30, 2024**

**Project Name: Report on Data Exploration Techniques**

**Team Members:  
1. Cabiltes, Nino Rey**

**2. Escosia, Raphael Jay**

**3. Timagos, Ryan Jay Anthony**

**4. Vasquez, Kyle**

**5. Vecina, Peter**

**Summary of Progress:  
Completed Tasks:**

* **Selected a dataset from a publicly available source.**
* **Set up the Python environment with necessary libraries (pandas, numpy, scipy, matplotlib, seaborn).**

**Ongoing Tasks:**

* **Loading and exploring the dataset in a Jupyter notebook.**
* **Cleaning the data by handling missing values and outliers.**

**Upcoming Tasks:**

* **Calculating descriptive statistics (mean, median, mode, standard deviation, variance, min, max, range, percentiles).**
* **Creating visual representations (histograms, box plots, correlation matrices).**
* **Preparing a PowerPoint presentation to report findings.**

**Personal Contribution:  
I contributed to finding the dataset and setting up the Python environment. I also assisted in loading and exploring the dataset in the Jupyter notebook. Additionally, I helped in identifying and handling missing values and outliers in the data.**

**Next Steps:**

* **Complete the calculation of descriptive statistics.**
* **Generate visual representations of the data.**
* **Compile the findings and visualizations into a PowerPoint presentation.**
* **Present the findings to the class.**

**Conclusion:  
The project is progressing well, with the dataset selected and the environment set up. We have started exploring and cleaning the data, and the next steps involve detailed statistical analysis and visualization. We are on track to complete the project and present our findings as scheduled.**