Tevin Gatheru, January 2025

# Instructions

In order to be selected for the internship, below is an assessment to check your research, analysis and presentation/reporting skills:

**Objective**: Analyze the data with any tool of your choice.

**Tasks**:

1. Have a PowerPoint slide that shows a brief introduction, hypothesis, key findings, trends, and a conclusion (max 15 slides).

2. Create at least one model.

# Methodology

Data collection

Data cleaning

Exploratory Data Analysis

Model Building

Evaluation

Document findings on PowerPoint

# Tools

* Anaconda
* Jupyter Notebook
* Excel
* Python

# Instructions

Data collection

1. Download the file

Clean the Data

1. Initialize the environment
2. Using Excel
   1. Visually inspect the data for missing entries
   2. Attempt to Remove Duplicates: Go to Data > Remove Duplicates   
      Note: No duplicate values were found
3. Open Anaconda
4. Navigate to project folder
5. Run ‘Jupyter Notebook’
6. Write Script
7. Execute finding
8. Collect findings
9. Generate presentations using findings

# Conclusion

The laboratory was a success, I was able to create a model that and evaluate its performance.