**SPROCKET CENTRAL PTY LTD**

**Data Quality Assessment Overview**

Dear Client,

I wanted to express my sincere gratitude for allowing us to use your dataset for our data quality assessment. Your contribution has greatly enhanced our research and helped us to achieve our goals.

During our analysis, we noticed some issues with the dataset, such as empty values and inconsistencies in the format of the date of birth columns. We understand that maintaining the quality of a dataset can be a challenging task and we appreciate your efforts in providing us with the data.

Overall, your dataset was an important resource for our research and we look forward to future opportunities to work with you.

Thank you for your generosity and support

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| --- | --- | --- | --- | --- |
| **TABLES** | **Number Of Records** | **Unique Ids in first columns** | **Number of Null Values** | **Receiving Date** |
| **Transaction** | 20,000 | 20,000 | 1,542 | January 13, 2023 |
| **Customer Demographics** | 4,000 | 3,139 | 341 | January 13, 2023 |
| **Customer Address** | 3,999 | 3,999 | 0 | January 13, 2023 |

**THE DATASET PROVIDED HAD THE FOLLOWING ISSUES:**

1. Some columns had mixed date formats, which made it difficult to standardize the data for analysis.
2. Some customers had ages listed as more than 100 years, which seemed unlikely and required further investigation.
3. Gender information was recorded using a mix of 'F' for female, 'M' for male, and 'U' for unknown, which made it difficult to analyze the data by gender.
4. Additionally, we noticed that the excel software used to handle leap year was incorrect and had to be adjusted using Duckdb.

Sincerely, Ogunseye Oluwajuwon Micheal