Subject: Summary of Data Analysis and Next Steps

Hi Karan Mehta

I hope you are well. I wanted to update you on our recent analysis of the receipts, users, and brands data. Here's a summary of what we found and our proposed next steps.

Summary of Findings:

1. Receipts Data:

   - Total Records: 1043

   - Duplicates: None

   - Item Details: 104 unique item names and 23 unique brands

2. Users Data:

   - Total Records: 9000

   - Duplicates: None

   - User Diversity: Users speak 3 different languages and are in 24 different timezones

3. Brands Data:

   - Total Records: 125

   - Duplicates: None

   - Brand Details: 6 categories, 6 category codes, and 2 classifications for top brands

Questions and Next Steps:

1. Understanding the Data:

   - Are there specific trends or segments you want us to focus on?

   - Are there important attributes or metrics we should consider that aren't in the current datasets?

2. Data Quality Issues:

   - Discovery: We found some missing values by inspecting summary statistics.

   - I also found the date formats to be inconsistent, against the usual MM/DD/YYYY or similar standard date formats. For this too, I'd consider going over through our database to ensure that date fields are being captured and stored in a consistent manner.

   3. Resolution Needs: We need to understand why these values are missing. Are they expected, or do they indicate an error in data collection or entry? We should also try to maintain data standards especially in terms of Date.

Please let me know if you have any questions or need more details. I would like to also discuss the analysis of data in detail in our next meeting. Kindly let me know your availability to schedule the meeting

Best regards,

Jyothirmayee Rao