

## **Subject: Data Quality Insights and Next Steps**

Hi Team,

I hope you're all doing well! I wanted to take a moment to share some insights from my recent analysis of our transaction data, along with a few key data quality issues that I believe we need to address together.

### **Key Data Quality Issues:**

1. **Missing Transactions for 2023:** I noticed that there are no recorded transactions for the year 2023. This raises some concerns about our data integrity. It could be due to data entry errors, synchronization issues, or other factors that we should investigate further.
2. **Current Year Sales:** As of now, I see that we have recorded a total of 50,000 transactions for 2024, but there are no sales data for the current year (2025). This discrepancy might indicate that transactions haven't been entered yet or that there are issues with how we're capturing this data.

**Interesting Trend:** Despite these data quality issues, I found that the total sales for 2024 amount to approximately \$171,614.40. This suggests that we have a healthy level of activity this year, but I think it's crucial for us to ensure we have a complete picture by addressing the missing data from 2023.

**Request for Action:** To move forward effectively, I would really appreciate your assistance with the following:

- **Data Review:** If anyone has insights into our data entry processes or can provide context on why there might be missing transactions for 2023, that would be incredibly helpful.
- **Access to Logs:** If there are any logs or records of data imports or entries, reviewing these could help us identify where the gaps are.
- **Clarification on Business Cycles:** Understanding any seasonal trends or business cycles that might affect transaction volumes would also be beneficial.

Your input will be invaluable in helping us resolve these outstanding issues and ensure that our data is accurate and actionable. Thank you for taking the time to consider this, and I look forward to hearing your thoughts!

Best regards,

Sumanth Gunda