Subject: Summary of Findings and Recommendations for Gala Groceries Supply Chain Issue

Dear Data Science Team Leader,

I have completed my analysis of the supply chain issue faced by Gala Groceries. After reviewing the dataset provided, it is clear that the information provided is not sufficient to make informed recommendations on how to better stock the items they sell.

In order to make meaningful recommendations, the followings are my recommendations:
- we need more rows of data that provide a clearer picture of the sales patterns and trends. This will help us to understand the demand for different items and identify any patterns or correlations that may exist..
- Define a clear and concise problem statement
- We need to do away with columns that have little impact on our objective and goals. Example of such columns are: "unnamed", "timestamp".
- The data collection team need to work on the product_id. The naming is not readable. It could be either the name of the product such as "orange" which we know belongs to the fruit categories and in cases where have different variety of a particular product we can have an example like "ora001".
- more features are needed based on the problem statement, such as the cost of storage and waste, the cost of lost customers, and the local sourcing information.

I recommend that we reach out to the client and request additional data, as well as any information about their supply chain processes and costs. With this additional information, we will be able to provide more comprehensive and actionable recommendations to help Gala Groceries optimize their supply chain.

Please let me know if you have any questions or concerns. I am happy to discuss this further with you.

Best regards,