

Dear Team Leader,

I have received sample dataset from data engineering team filename 'sample\_sales\_data.csv' and I have been analyzing on behalf data science team.

During my analysis, I found out that:

- fruit and vegetables are two product that frequently being purchased while herbs and spices are the least
- non-member are the most frequent buyer in the store while gold member is the least
- most customer preferred using cash as method payment, while debit card is the least
- the busiest transaction in the store would be around 11AM and 3PM would be the least

Now the client indicate that they want to know "How to better stock the items that they sell"

My suggestion as follows:

- Their request is too general. Perhaps we need to have specific problem statement
- We need more sample data. The sample data covers 1 store for 7 days only.
- We also need more dataset to describe the demand for product in order to better stock the item

Best regards,

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