Dear [Data Science Leader],

I have completed a detailed data exploration on the sample data provided for the sale analysis. And below mentioned are my key findings after the complete analysis.

**Initial Findings**

1. The dataset contains some of the columns which are no required for data analysis such as Product\_ID and Transaction\_ID.

2. The Timestamp data type was object and contains the information of the purchase time, So we create another feature from the column                named hours (contains the time which shows the maximum number of time at a specific time interval).

3. **The current sample is only from 1 store and 1 week worth of data We need to frame the specific problem statement that we want to solve.**

Recommendation for the data

1. The current business problem is too broad, we should narrow down the focus in order to deliver a valuable end product.

2. We need more features. Based on the problem statement that we move forward with, we need more columns (features) that may help us to            understand the outcome.

3. "How to better stock the items that they sell" From this dataset, it is impossible to answer that question. In order to make the next step on this           project with the client.

Best regards,

 Arjun Sonar