Respected Authority,

The given sales data set has been assessed based on following criteria:

1. Understanding Data
2. Descriptive statistics
3. Exploratory Data Analysis
4. Interpretations
5. Demands and issues with current data set

My findings can be summarized as follows:

1. Understanding gist of data
   1. The data is a sales data of a superstore with product id, customer id,time stamp, total bill,
   2. There are various perishable and non-perishable items for a period of 1 week
   3. Total entries are 7829
   4. The data from 2nd to 6th March 2022
2. Descriptive statistics
   1. Total purchase value lies within 6.5 to 28.4, 1 to 4 for quantity, 4 to 7 for unit price
   2. Averages for unit cost, quantity, total cost = 8,2,20 respectively
   3. Total entries are 789
   4. Majority of total bills lie between 0-20 small value purchases
   5. Forms of payment and types of cutomers distributed equally
3. Exploratory Data analysis
   1. Perishable Items including Fruits, Vegetables.etc. contribute to 2000+ is the major type of item at the store which is sold
   2. 300 unique products
   3. For each fruit purchased by different type of customer has a unique product id

Recommendations:

1. Need More data as it is only for one week
2. Price currency not mentioned
3. Need to understand the need of the client with respect to stock analytics

Kindly find the attached link for reference

<https://colab.research.google.com/drive/14rD0pfoIN5XM8jZhEkPVoDWVP60QWNHU#scrollTo=MZOQ4cl_dedI&uniqifier=3>

Best regards,

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