Dear [insert name of recipient](Data Science Team Leader),

The exploratory data analysis of the dataset you have given me is completed. I have done many things in it including finding the basic information about data, its summary, and many other things calculating numerical values of the data.

I have also visualized the data in form of bargraphs, plots, charts, pie charts, etc using seaborn library which help gain better insights about available data.

# Accoding to my findings\_

1. The customer type is uniformly distributed, having equal percentage of each type of customers ranging from 21 to 19% for each type.

2. The fruits category has most demand in realtime market followed by vegetables and other things, kitchen and meat product categories are most having both 9% of total 22 unique types

# Well according to my recommendations the solution to the business problem of “How to better stock the items that they sell.” requires certain things as follows\_

1. We have quite good amount of data and machine learning model can be trained on basis of this dataset

2. However more data is also good for better predictability

3. The problem can be formulated as the calculation of product\_id and type of item based on timestamp/ time of buying the good, this will ultimately give us the market need of a product

Best regards,

[name of sender]