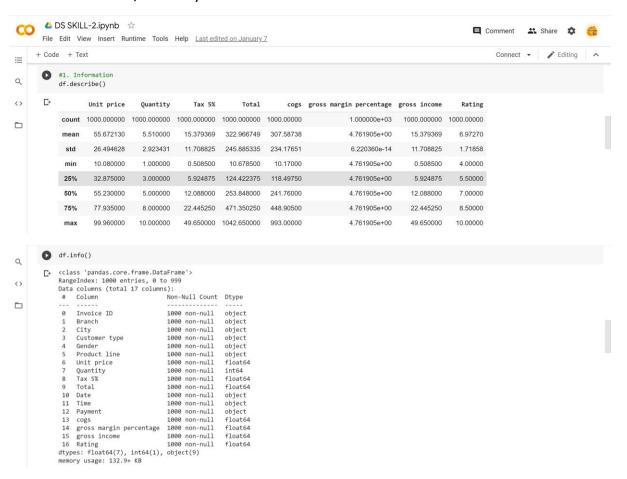
### **SKILLING 2**

# **Applications on Data Analysis Process**

.CSV file link: https://www.kaggle.com/aungpyaeap/supermarket-sales

In a super market XXXX selling the products such as Health and beauty, accessories, Electronic, Home and lifestyle, Food and beverages, Sports. Following analysis may be helpful to increase the sale of Shop. You are asked to analysis the supermarket data by

1. Information/summary



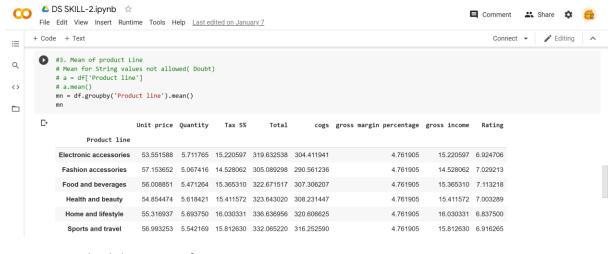
2. Mode of Health and beauty, accessories, Electronic, Home and lifestyle, Food and beverages, Sports



3. Mean of Health and beauty, accessories, Electronic , Home and lifestyle, Food and beverages, Sports

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4. Standard deviation of unit price



5. Total Customers, Total Females, Total Males

```
△ DS SKILL-2.ipynb 🖈
                                                                                                                                                       🗖 Comment 😃 Share 🌣 💣
         File Edit View Insert Runtime Tools Help <u>Last edited on January 7</u>
       + Code + Text
                                                                                                                                                               \equiv
         #5
#Total Customers
tot_cust = df["Invoice ID"]
Q
              print("Total Customers:",tot_cust.shape[0])
# df["Invoice ID"].value_counts()
# df["Gender"].value_counts()
<>
tot_fem = df[df["Gender"]=='Female']
print("Total Female Customers: ",tot_fem.shape[0])
              #Total Males
              tot_mal = df[df["Gender"]=='Male']
              print("Total Male Customers: ",tot_mal.shape[0])
         Total Customers: 1000
Total Female Customers:
              Total Male Customers: 499
```

6. Maximum People pays through e-wallet

7. Maximum people comes from Yangon City

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8. Max Average Sales of Fashion Accessories is from Females



9. Max Average Sales of Health & Beauty is from Males

