### Import libraries and packages

import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

### Load the Dataset

df=pd.read\_csv(“Path of the file”)

### Basic exploration

df.head()  
  
df.tail()

df.info()

df.dtypes

df.describe()

df.describe(include=”all”)

df.isnull().sum()

df.columns()

Charts/graphs/Plots

Categorical-> single column :

sns.countplot(x="Product",data=df)

Two categorical:

sns.countplot(x="Product",hue="Gender",data=df)

One categorical one numerical :

sns.boxplot(x="Product",y="Age",data=df)

sns.violinplot(x="Product",y="Age",data=df)

sns.swarmplot(x="Product",y="Age",data=df)

Two categorical ,one numerical->

sns.boxplot(x="Product",y="Age",hue="Gender",data=df)

Correlation: df.corr(numeric\_only=True)

sns.pairplot(df)