import pandas as pd

import seaborn as sb

import matplotlib.pyplot as plt

import numpy as np

sales=pd.read\_excel("/Users/chandangowdasc/Downloads/supermarket\_sales.xlsx")

# print(sales)

# print(sales.head())

#to avoid the overlap of bar text series width(x) and height(y)

# plt.figure(figsize=(15,6))

#sb.countplot(x='Gender',data=sales)

#sb.countplot(x='Product line',data=sales)

#to get the plot in horizontal

# sb.countplot(y='Product line',data=sales)

#to check how many transactions are done by both the genders we use 'hue' function

#'hue' is used to visualize the data of differnt categories in one plot

#tongive the color pallete

# plt.figure(figsize=(15,6))

# sb.countplot(x='Product line',data=sales,palette='gist\_gray')

# sb.countplot(x='Product line',data=sales,palette='PuBuGn\_r')

plt.figure(figsize=(15,6))

sb.countplot(x='Product line',data=sales,facecolor=(1,0,1,0),linewidth=5,edgecolor=sb.color\_palette('dark',3))

plt.show()