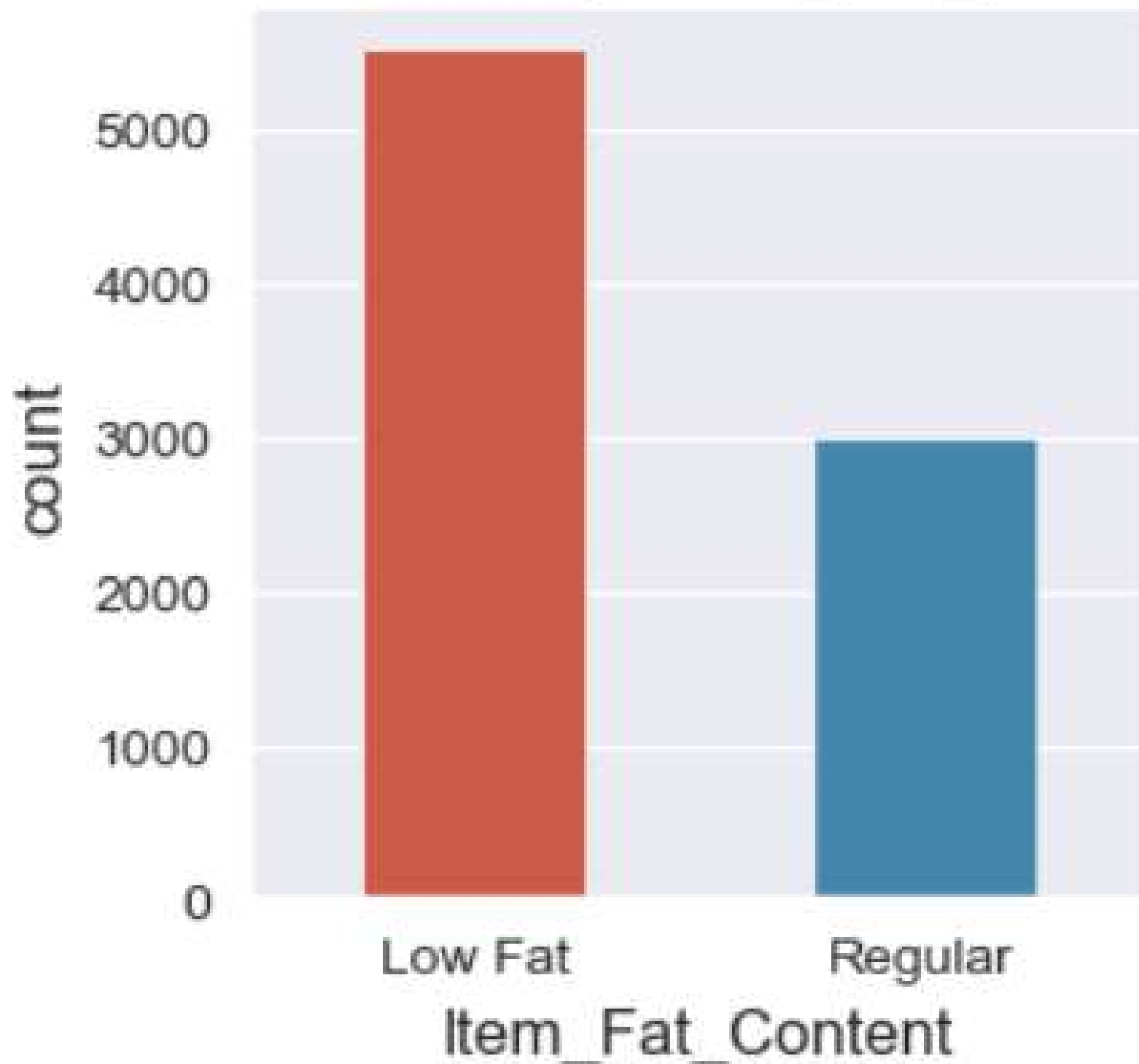
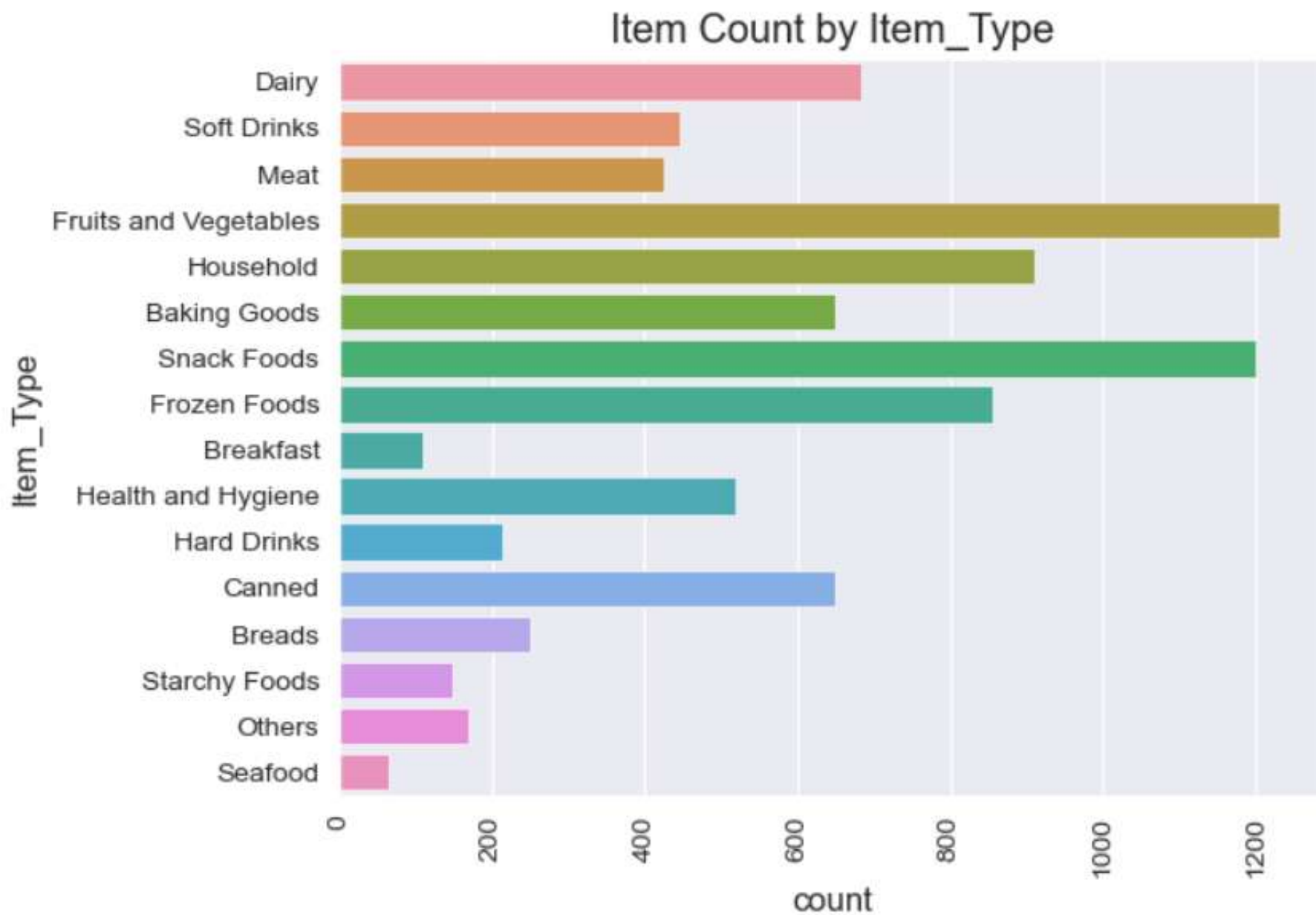


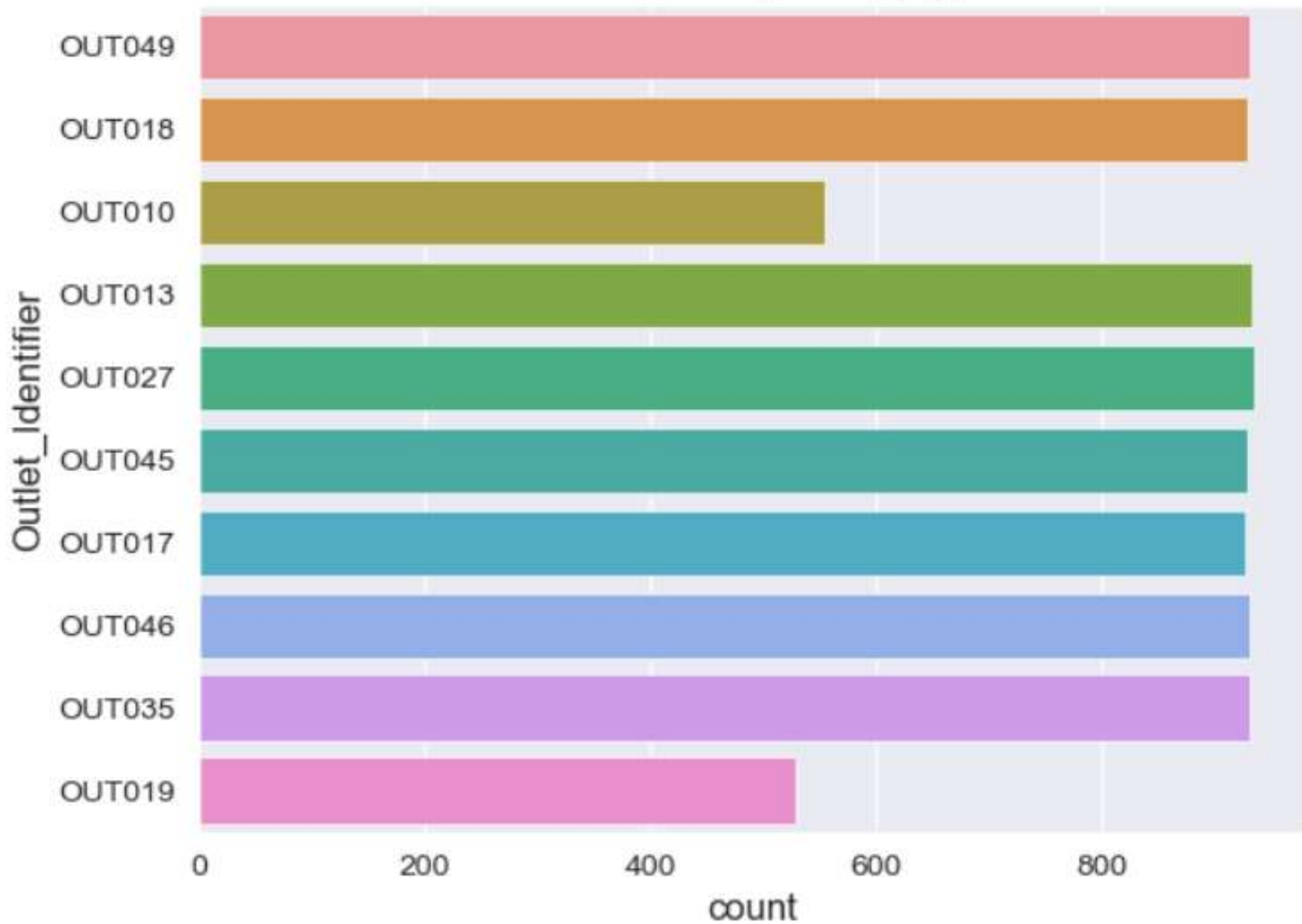
# Item Count by Item\_Fat\_Content



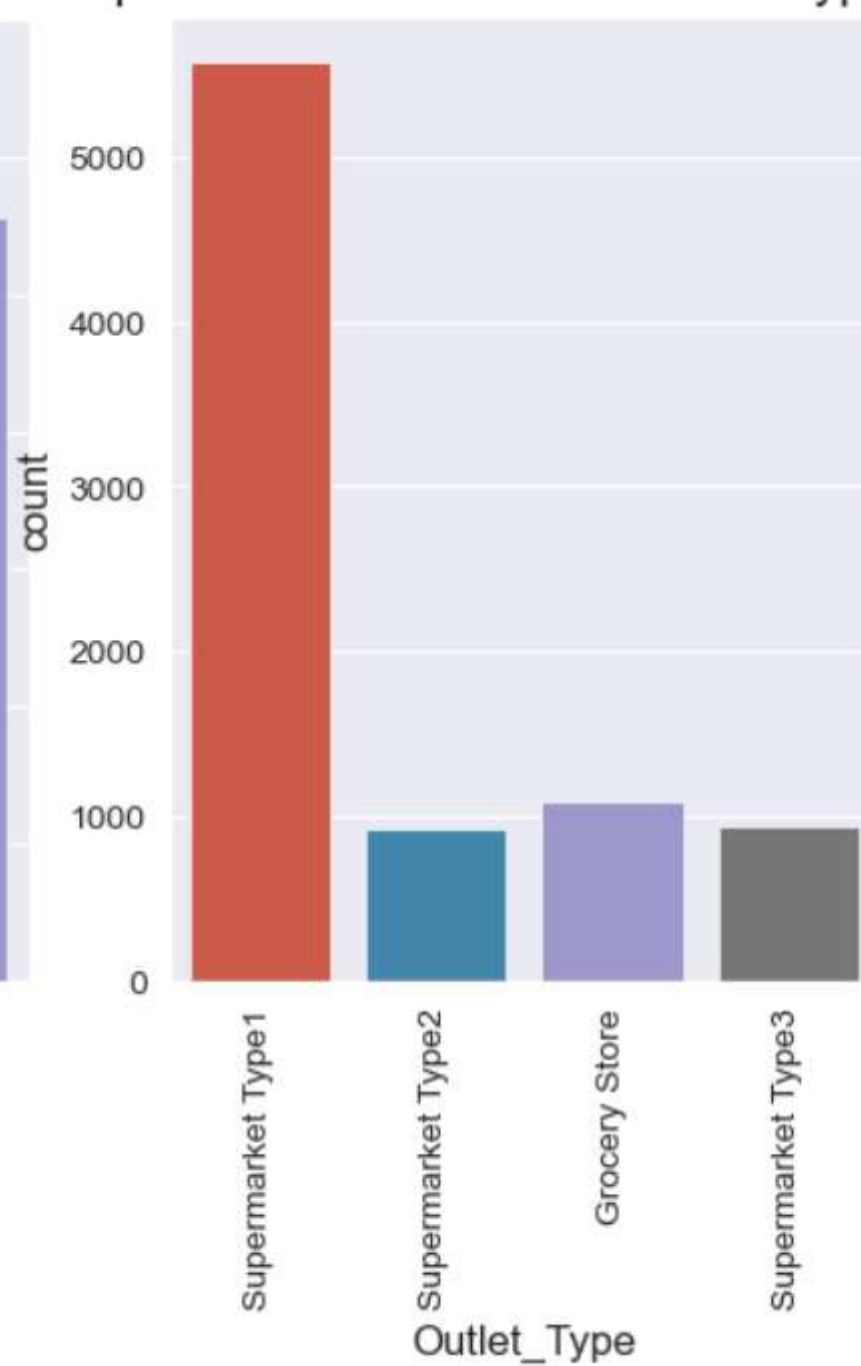
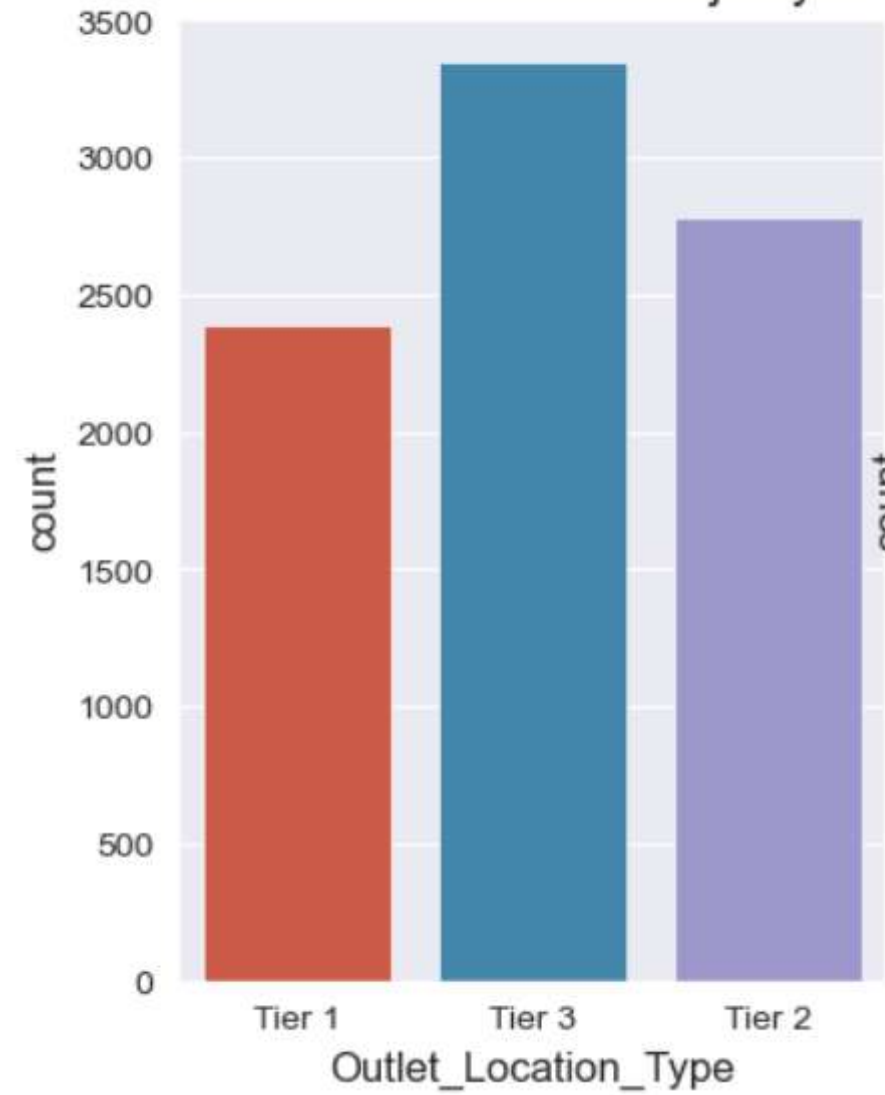


*Maximum product available in Big mart are of the Item Type: Fruits & Vegetables followed by Snack Foods.*

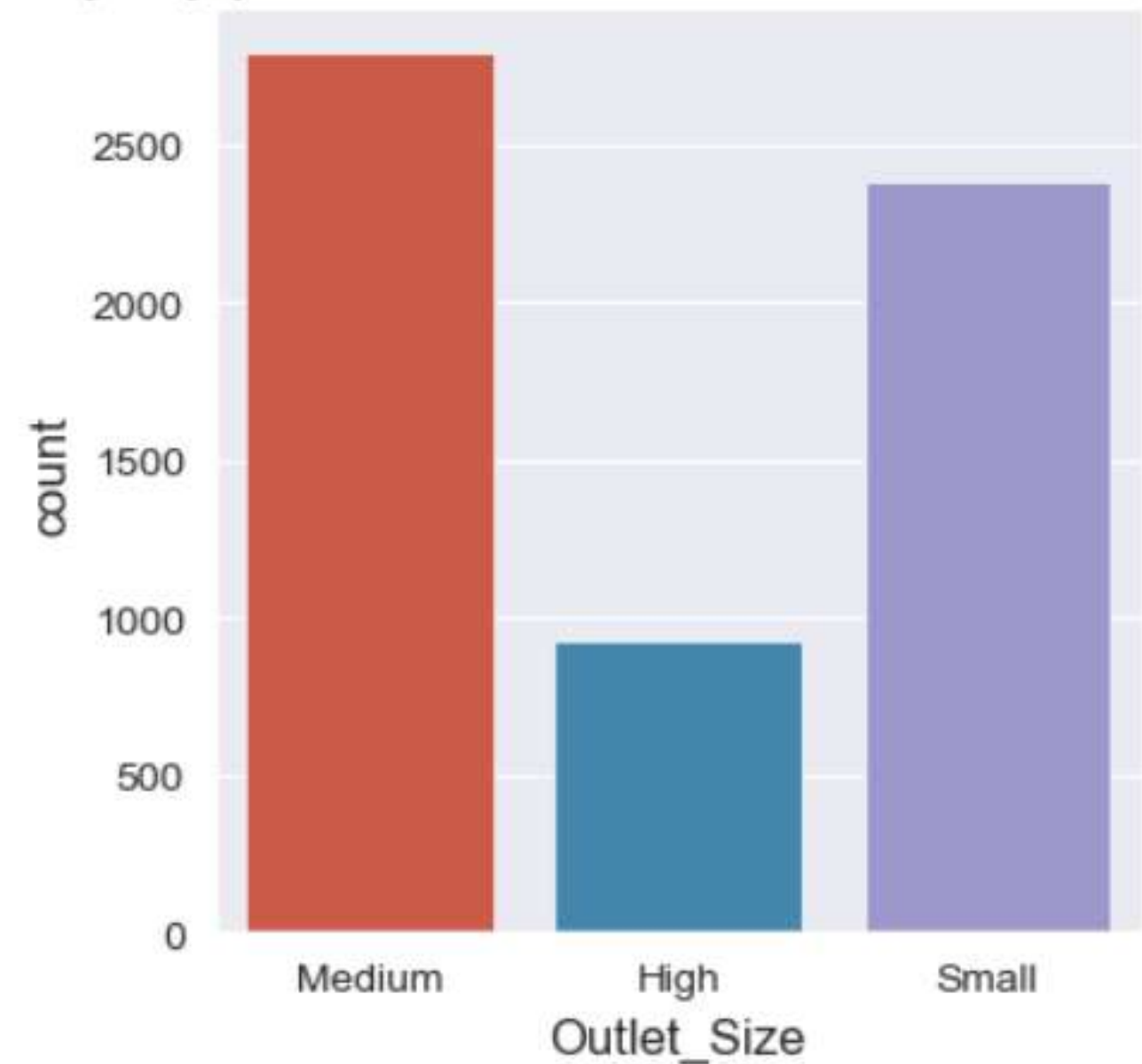
# Item Count by Item\_Type



Majority of the products lie in Outlet Location Type and Outlet Type

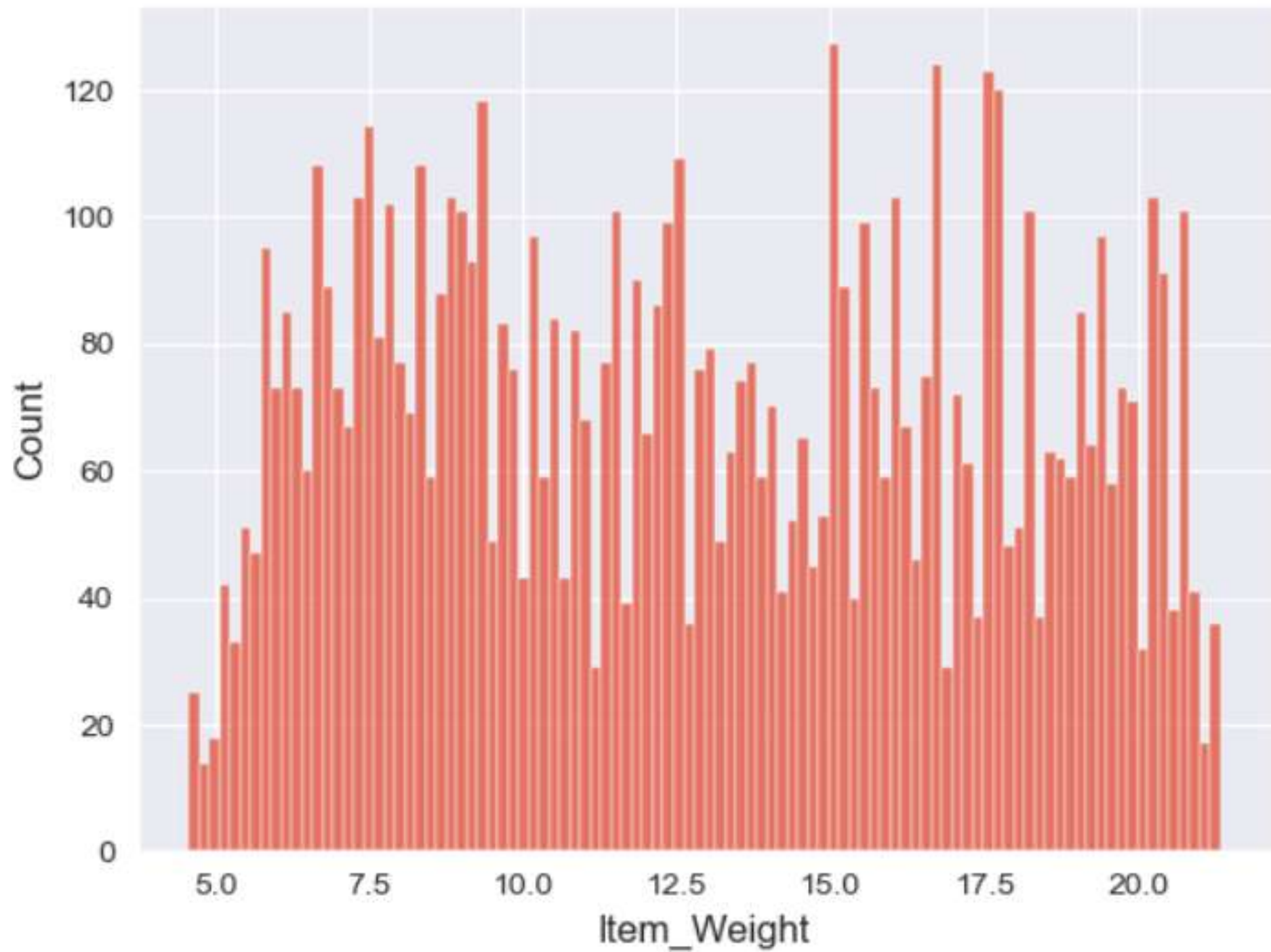


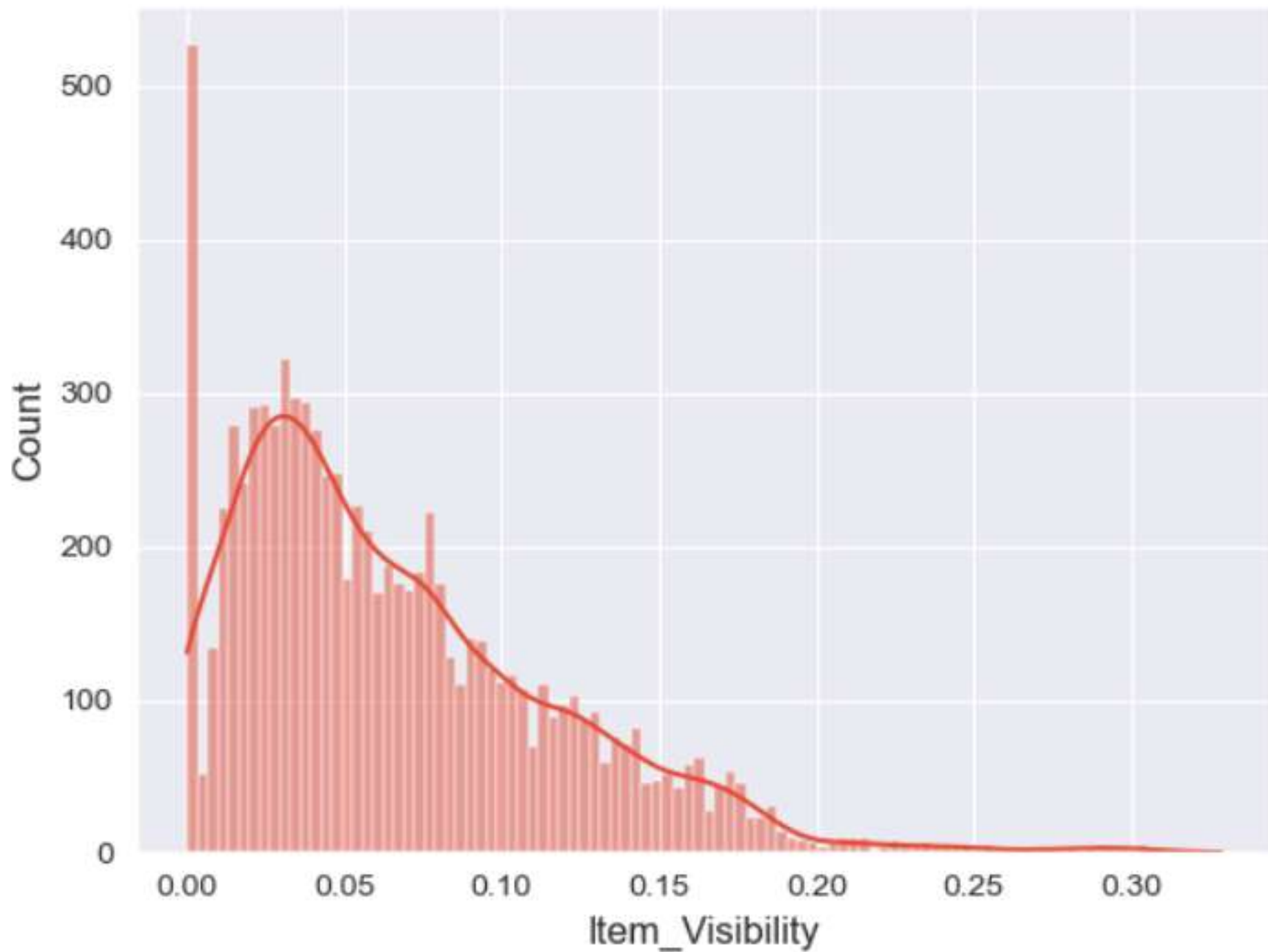
Majority products are available in which size stores



*Majority products are available in Medium size stores*

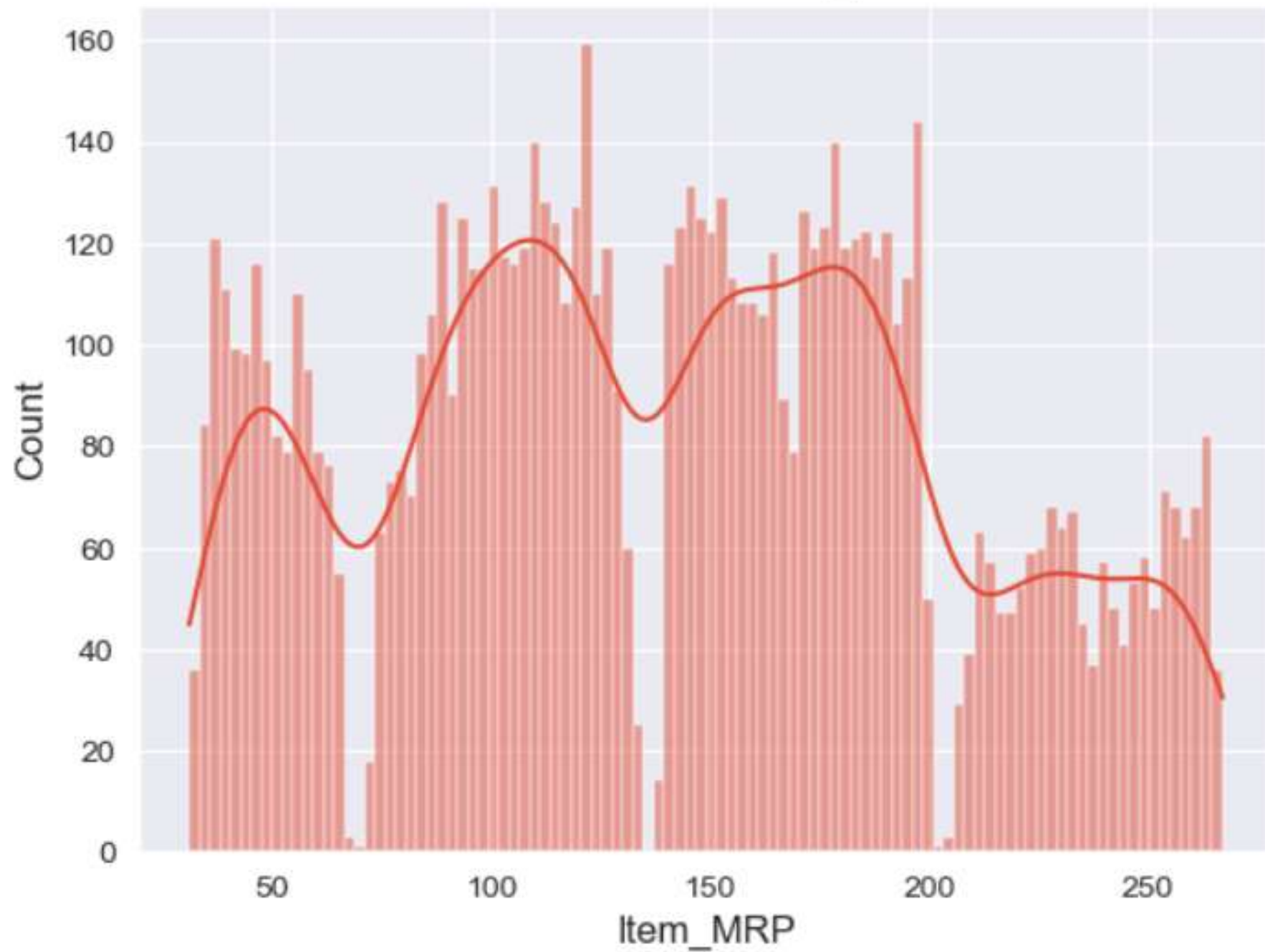
*Majority of the outlets are Medium Size and all types of Outlet are available in Medium Size*





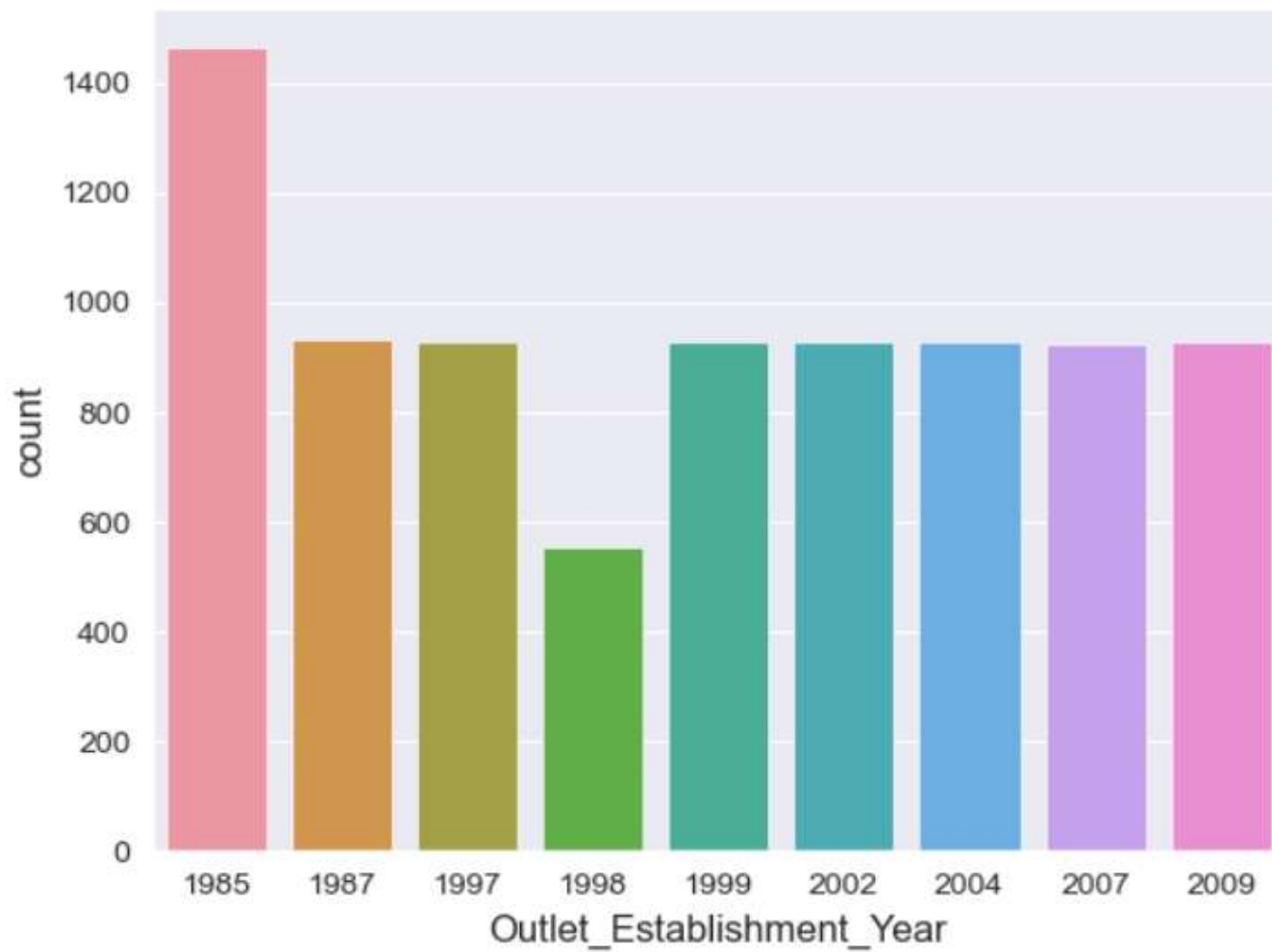
*As we can see the Item Visibility is Right-skewed*

Distribution in Item\_MRP



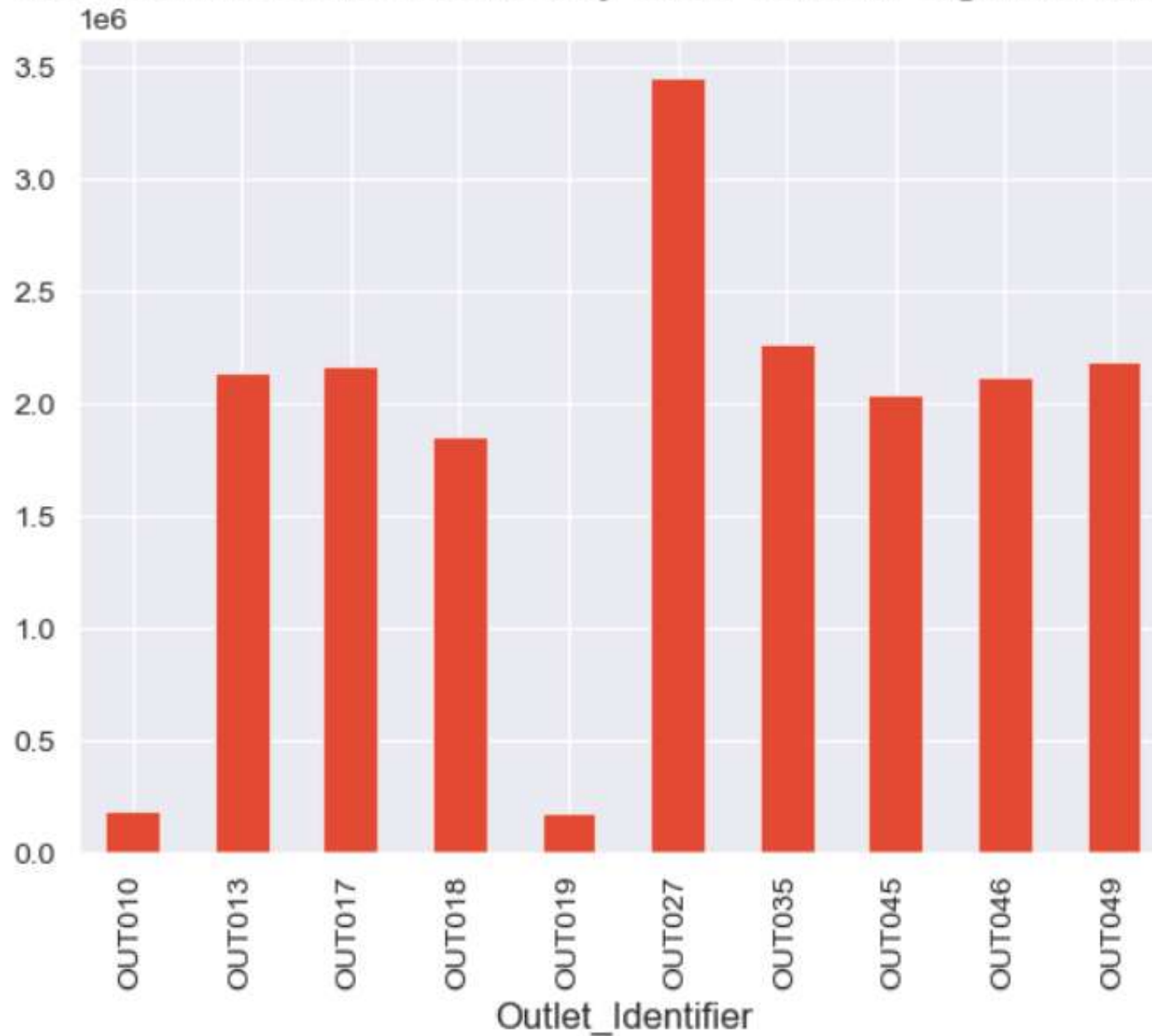
*There are 4 main Distribution in Item\_MRP*





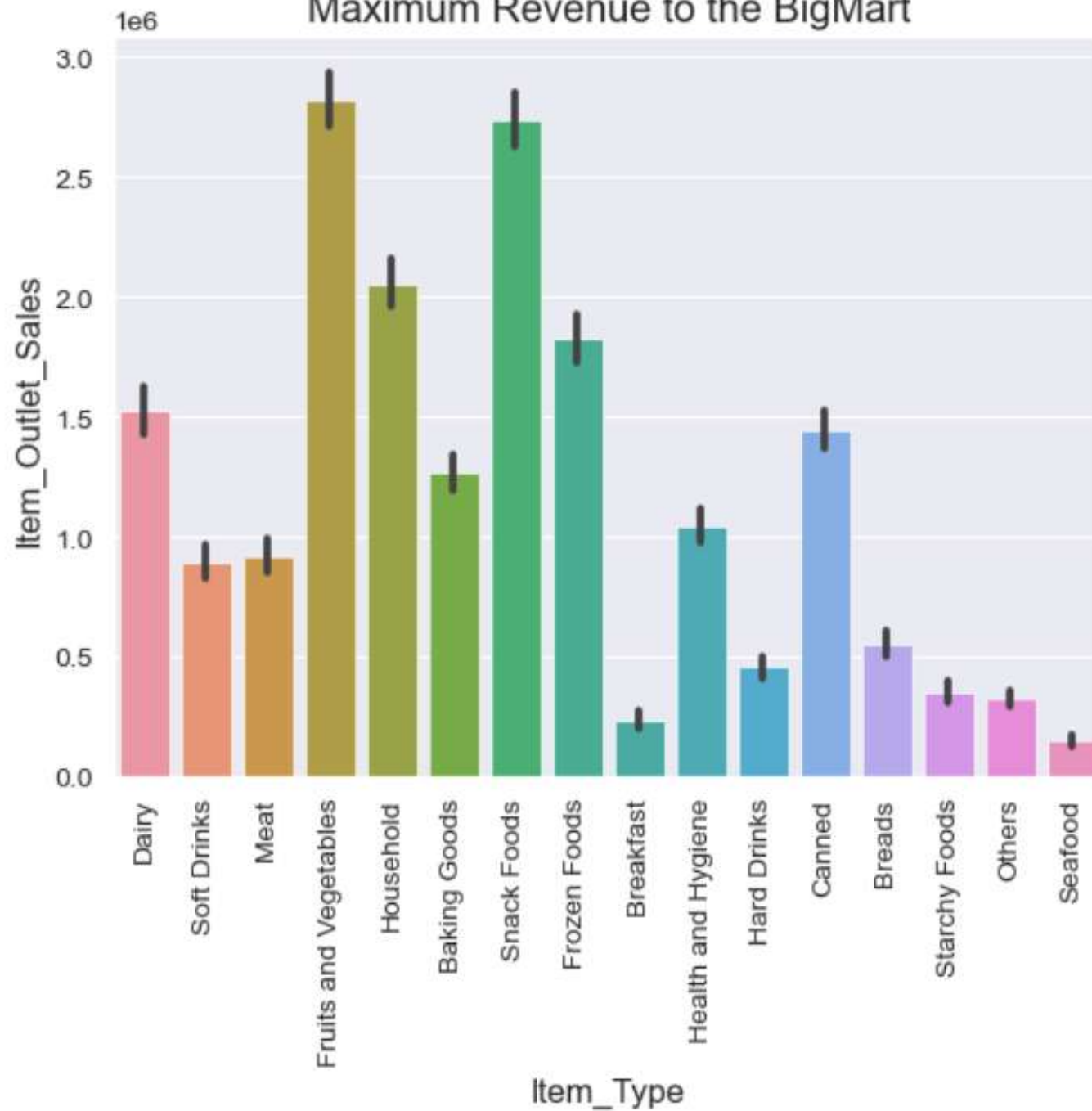
*Majority of the products are available with Outlets established in 1985, while minimum products are available at Outlets established in 1998*

The Total Revenue recorded by each Outlet in BigMart DataSet



- Outlet with Maximum sales/ revenue is OUT-027
- Outlet OUT-019 has recorded minimum sales, followed by OUT-010
- All other Outlets have almost similar sales

Maximum Revenue to the BigMart



# Lets find the maximum selling product at OUT-027

```
df[df.Outlet_Identifier == 'OUT027'].groupby(df.Item_Type)['Item_Outlet_Sales'].sum().sort_values()
```

Item_Type	
Seafood	18809.5158
Others	40513.9300
Starchy Foods	49170.6616
Breakfast	50432.3526
Hard Drinks	78957.8878
Breads	110518.8052
Soft Drinks	147822.2476
Health and Hygiene	199084.1870
Meat	216288.4590
Baking Goods	224172.1968
Dairy	262317.2104
Canned	272150.4106
Frozen Foods	316272.3108
Household	378299.5704
Snack Foods	513088.1172
Fruits and Vegetables	576028.1886

Name: Item\_Outlet\_Sales, dtype: float64

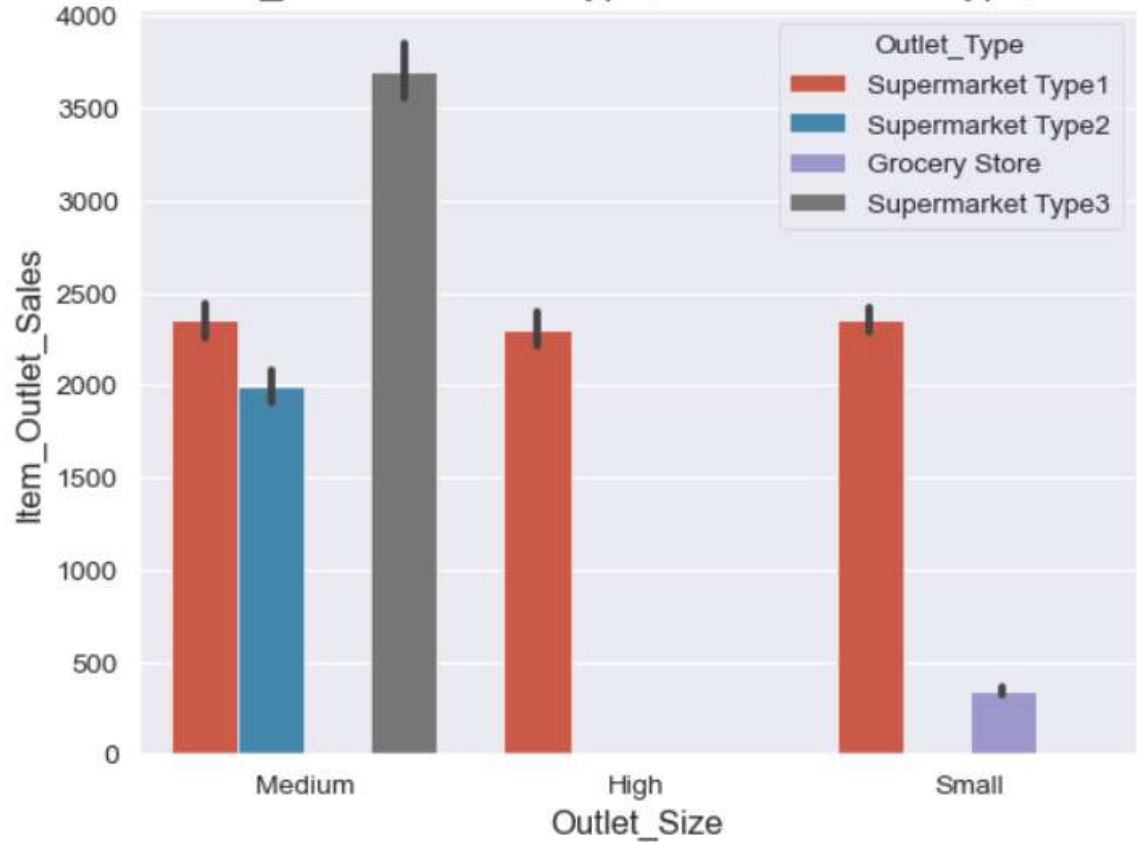


- At OUT-027 the net revenue is \$ 3,453,926.05
- Maximum sales recorded in:
  - Fruits and Vegetables (\$ 576,028)
  - followed by Snack Foods (\$ 513,088)

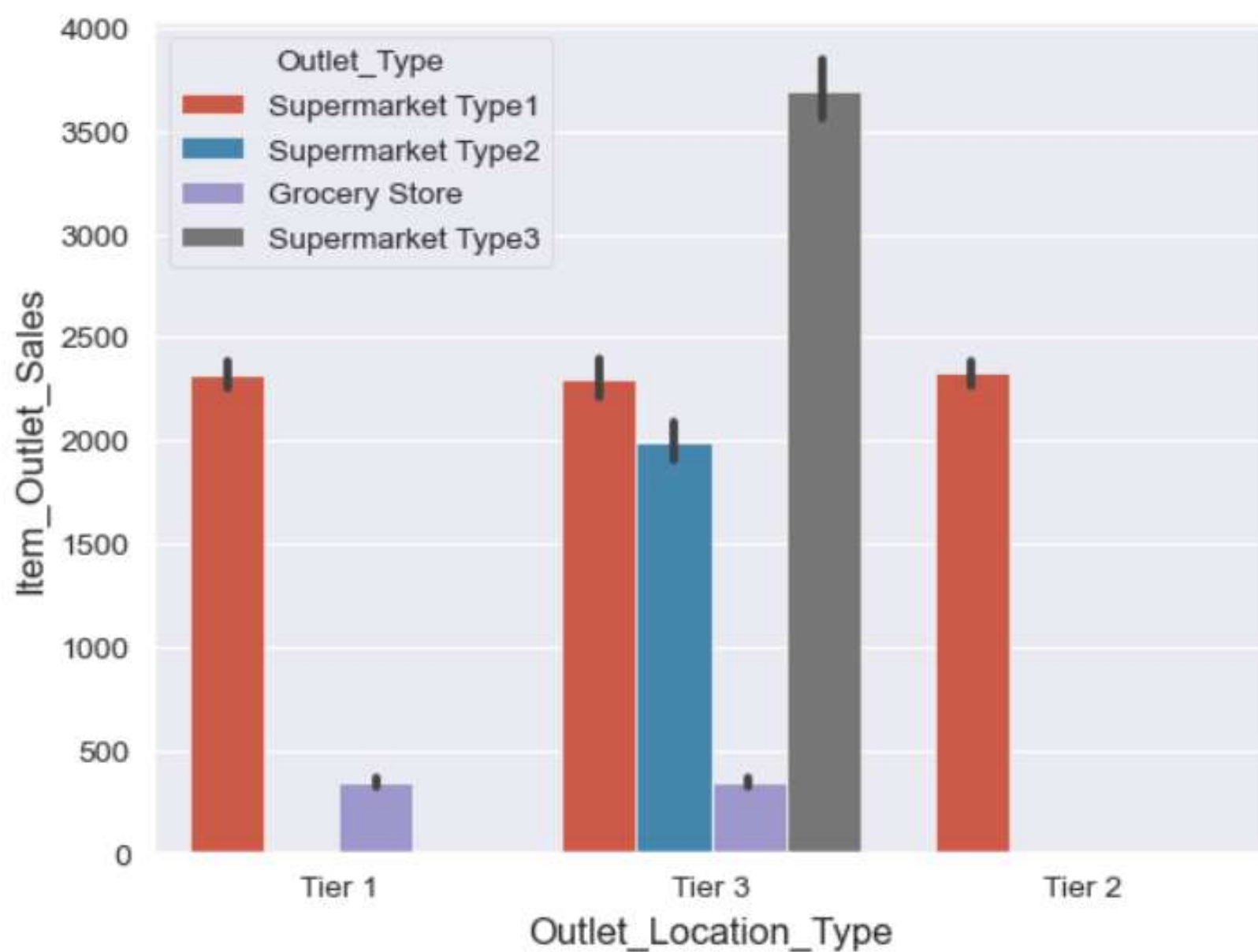


- A correlation coeff of 0.57 between Item\_MRP and Item\_Outlet\_Sales shows: as MRP increases, Sales increases and vice-versa
- There is no significant relation among other variables.

Relation of Outlet\_sales on Outlet Type, Outlet Location type, and Outlet Size



- Maximum Sales is recorded in Medium Size Outlet: in Supermarket Type 3 marts
- All 4 Outlet\_types are available in Medium Size
- There is only a single outlet type of High Size, i.e. Supermarket Type 1
- Supermarket Type 2 and Typ 3 are not available in Small Size



- Maximum Sales is recorded in Tier 3 Locations: in Supermarket Type 3 marts
- All 4 Outlet\_types are available in Tier 3 locations
- There is only a single outlet in Tier 2 location, i.e. Supermarket Type 1
- Supermarket Type 2 and Typ 3 are not available in Tier 1 location