Summary of Findings from Visualizations

1. Pairplot

- Shows relationships and distributions between numeric variables.
- Clear positive correlation observed between Item_MRP and Item_Outlet_Sales.
- No strong differences in patterns based on Item_Fat_Content.

2. Heatmap

- Confirms strong positive correlation (~0.89) between Item_MRP and Item_Outlet_Sales.
- Other variables like Item_Weight and Item_Visibility show weak or no significant correlation with sales or price.

3. Boxplot

- Pricing varies widely across different Item_Type categories.
- Some categories like Household and Health and Hygiene tend to have higher median prices.
- Presence of outliers indicates some very high-priced items within categories.

4. Scatterplot

- Reinforces positive relationship between price and sales.
- Both Low Fat and Regular items follow similar sales trends, so fat content does not significantly affect sales-price relationship.

5. Histogram

- Sales distribution is right-skewed: most items have low to moderate sales, but a few items have very high sales.
- Indicates a small number of high-performing items drive a significant portion of sales.