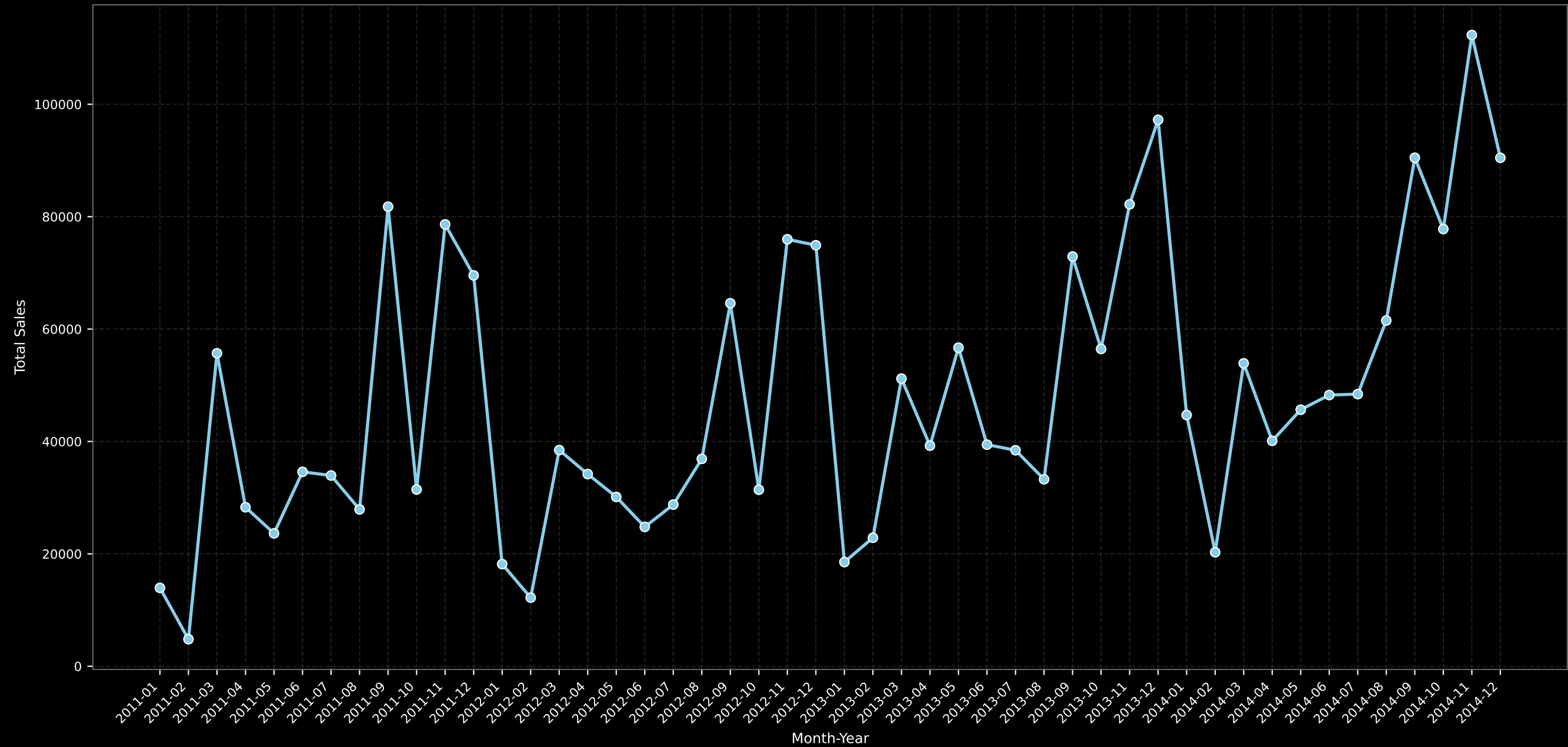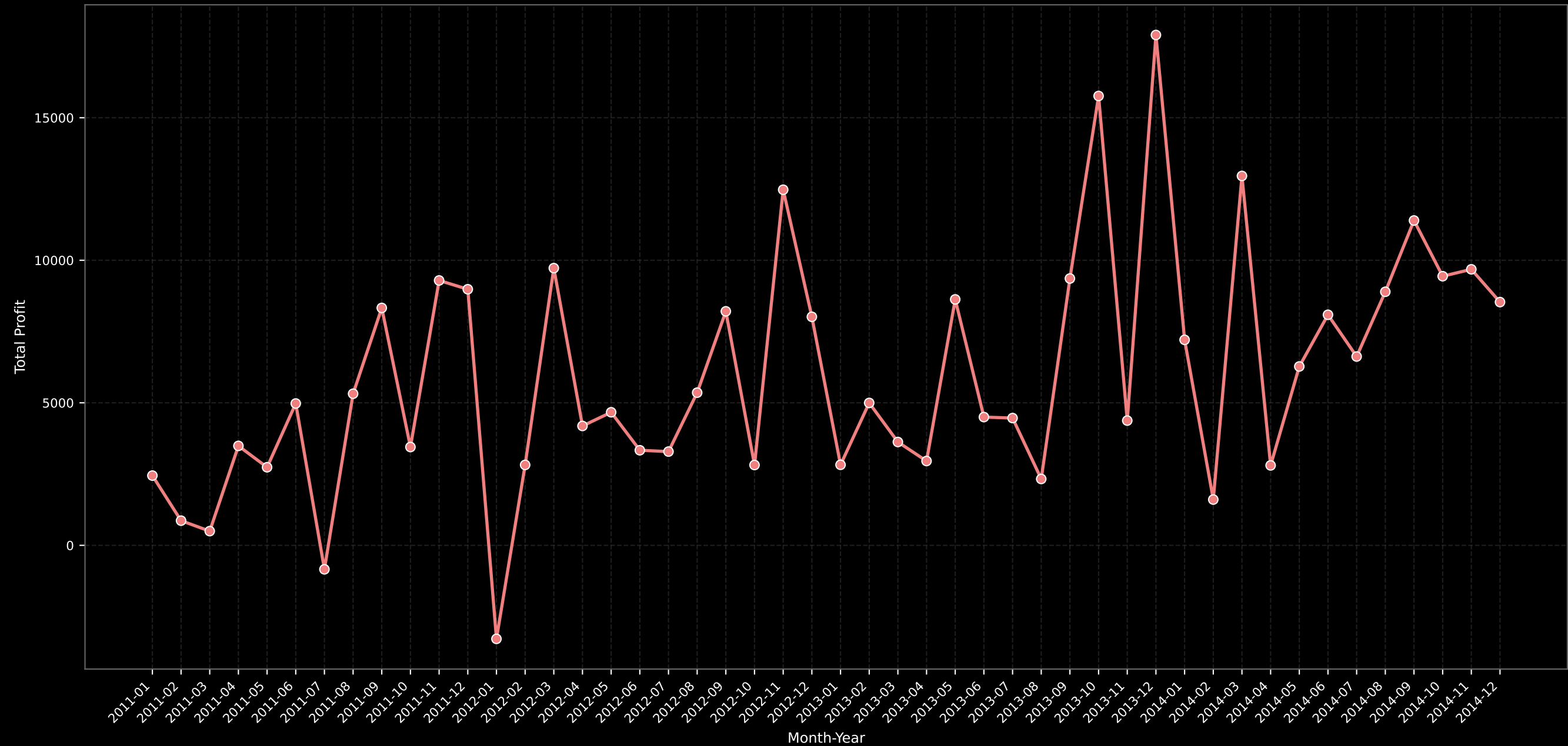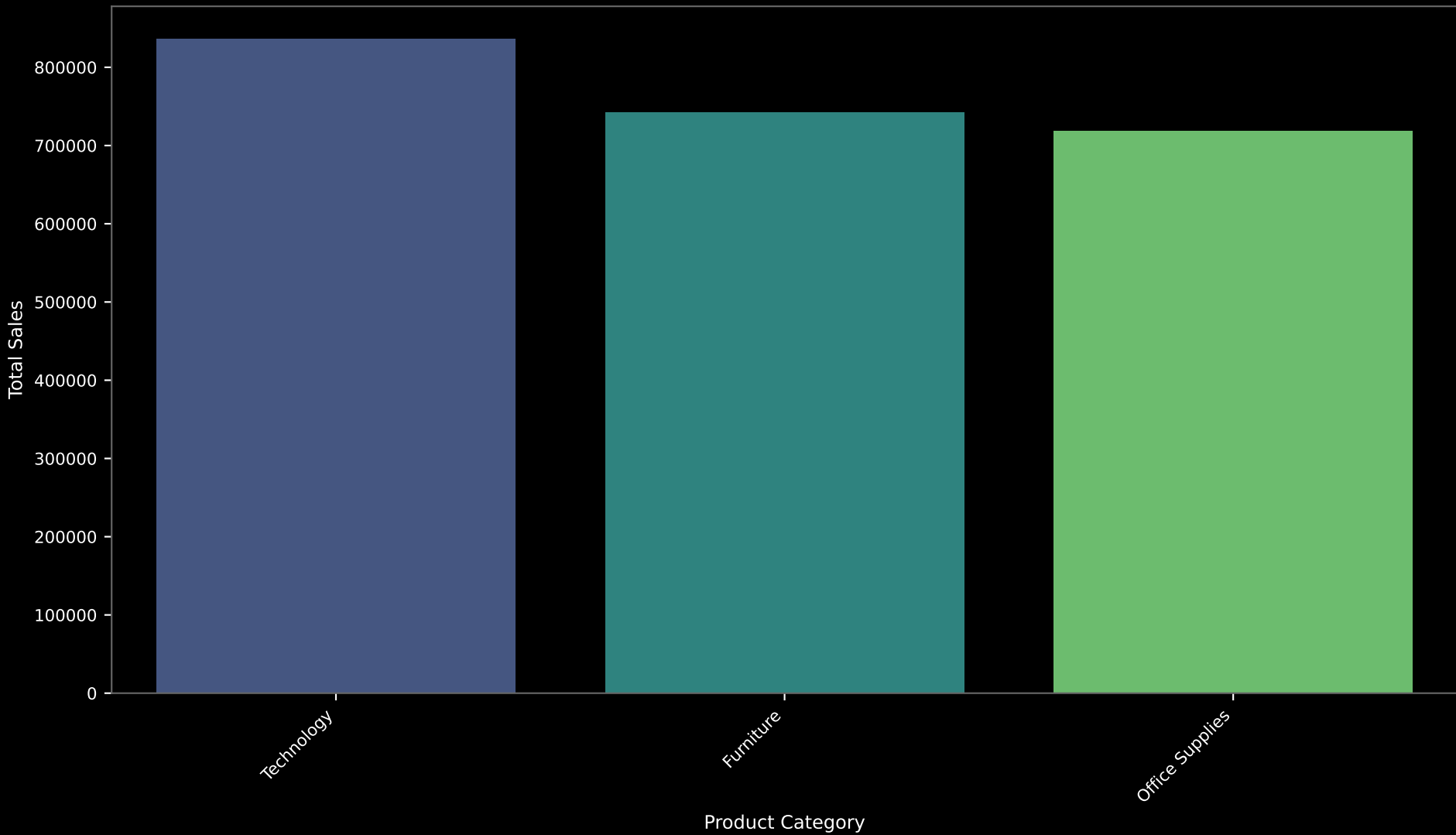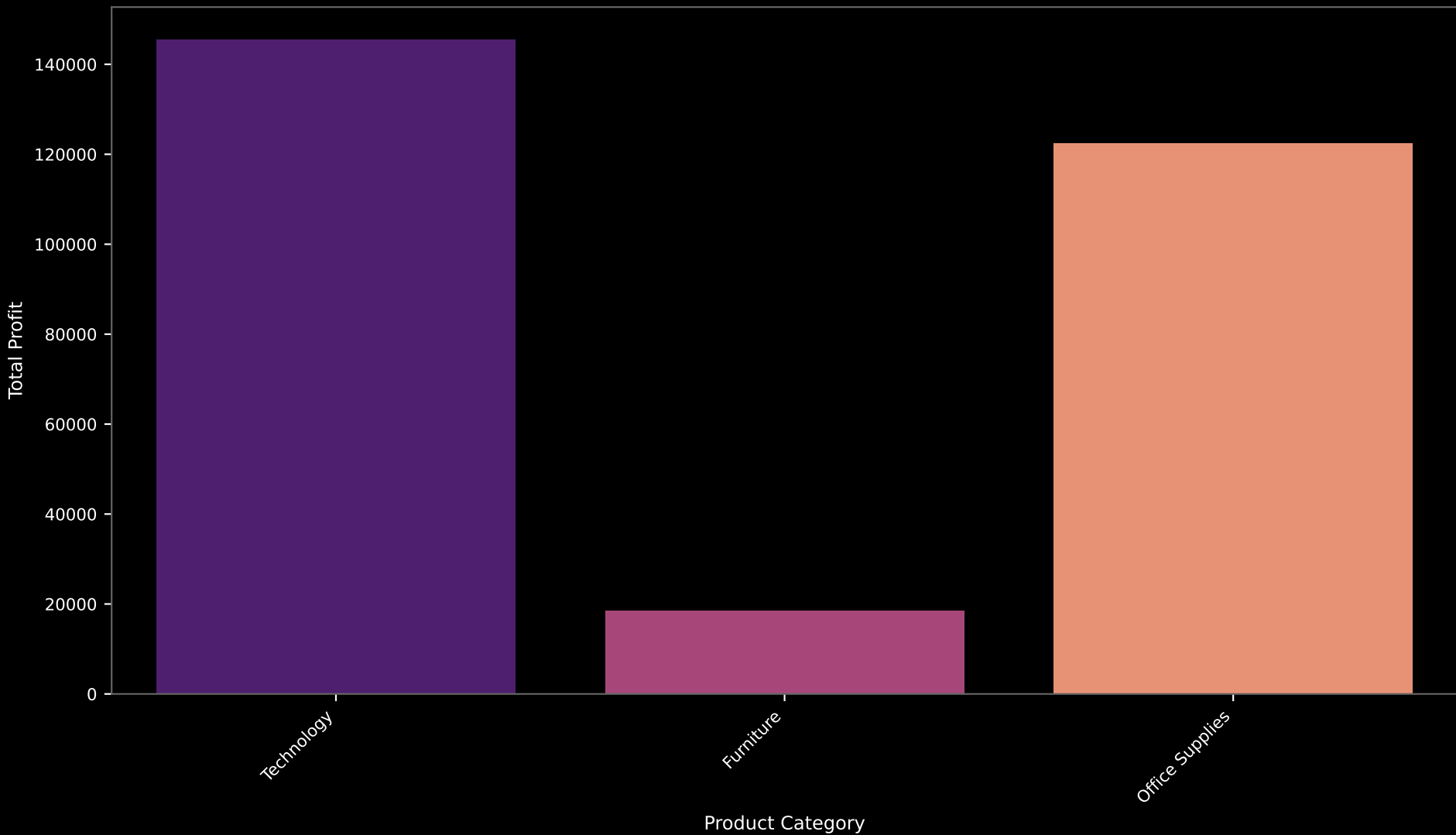Monthly Sales Trend Over Time

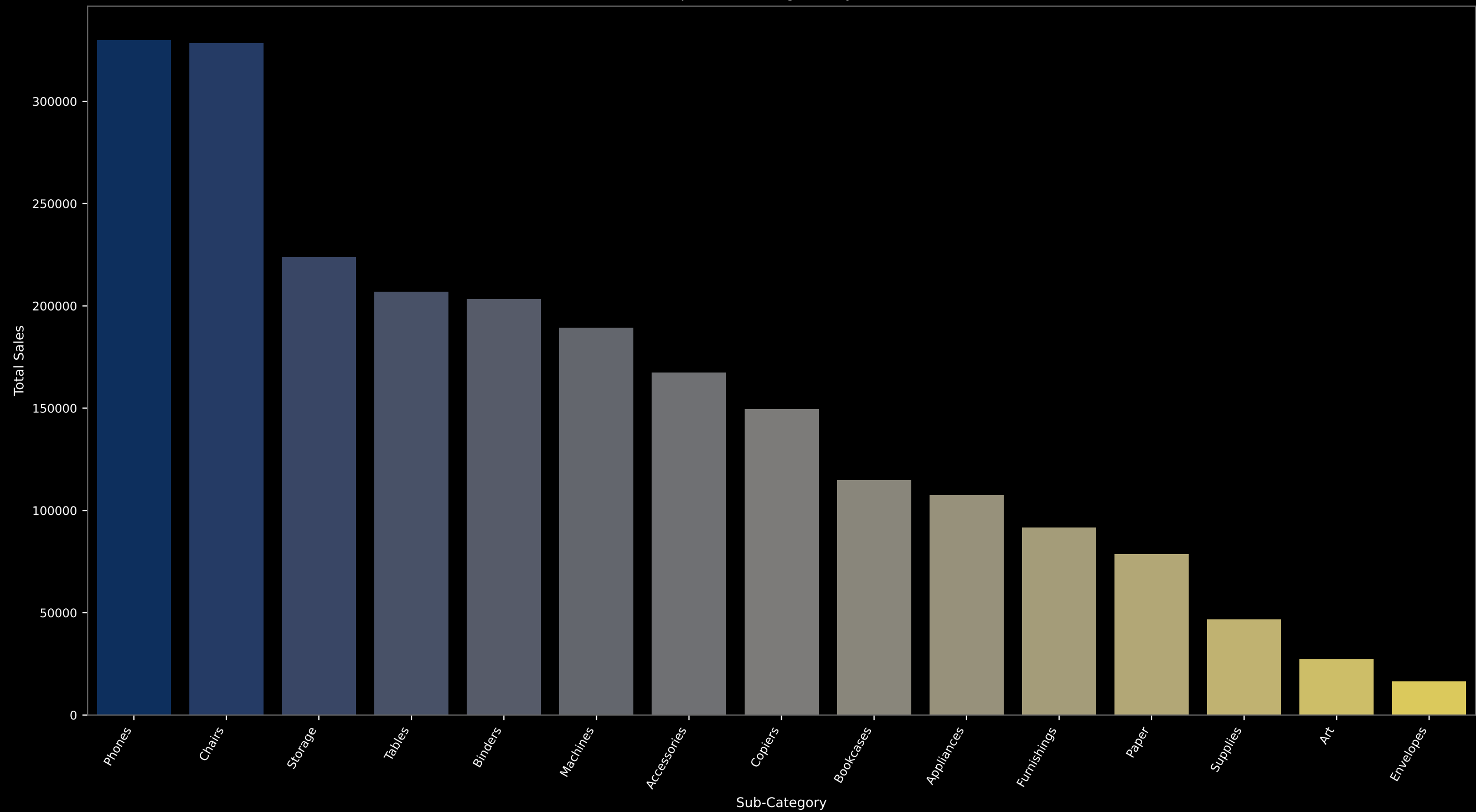Monthly Profit Trend Over Time
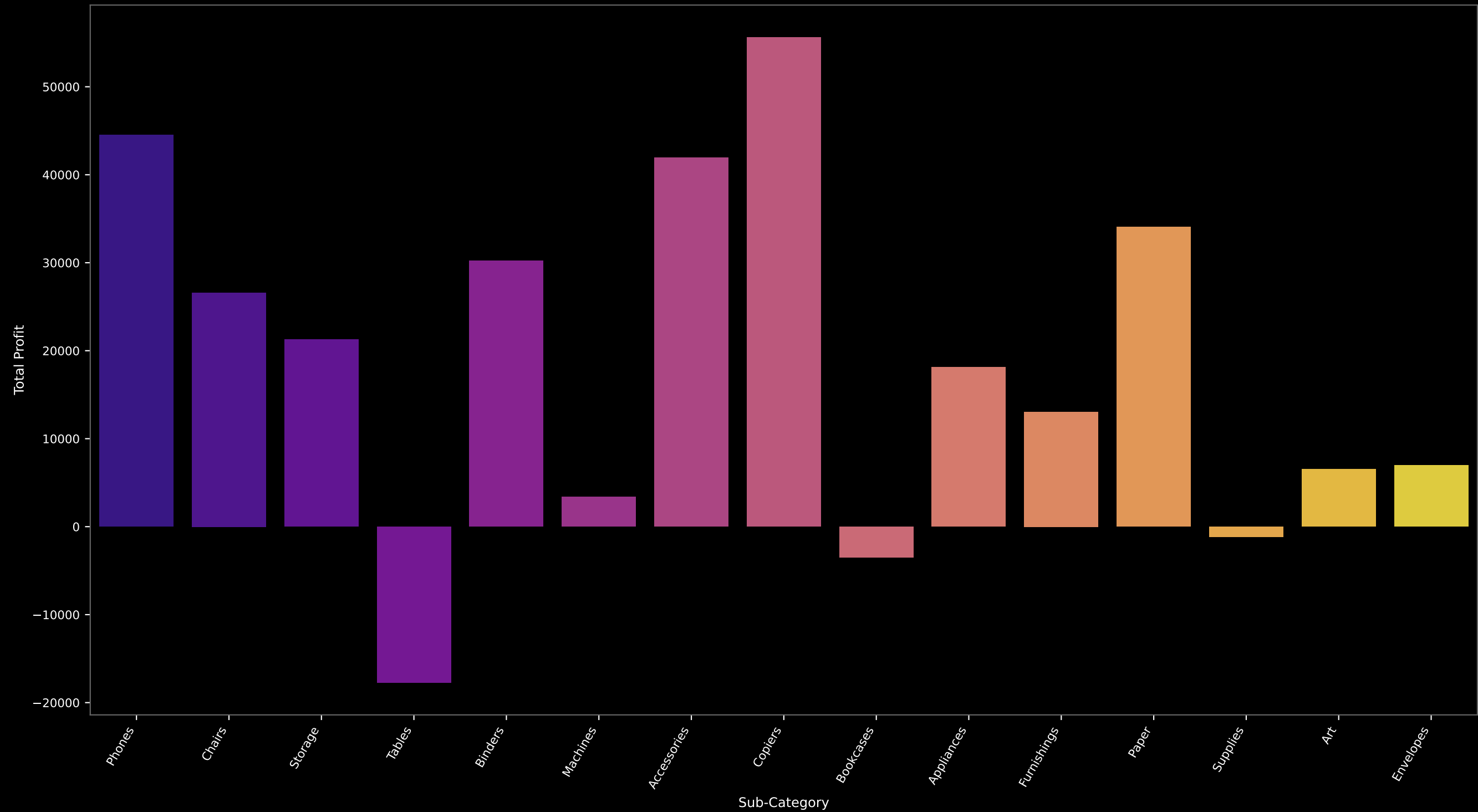
Total Sales by Product Category
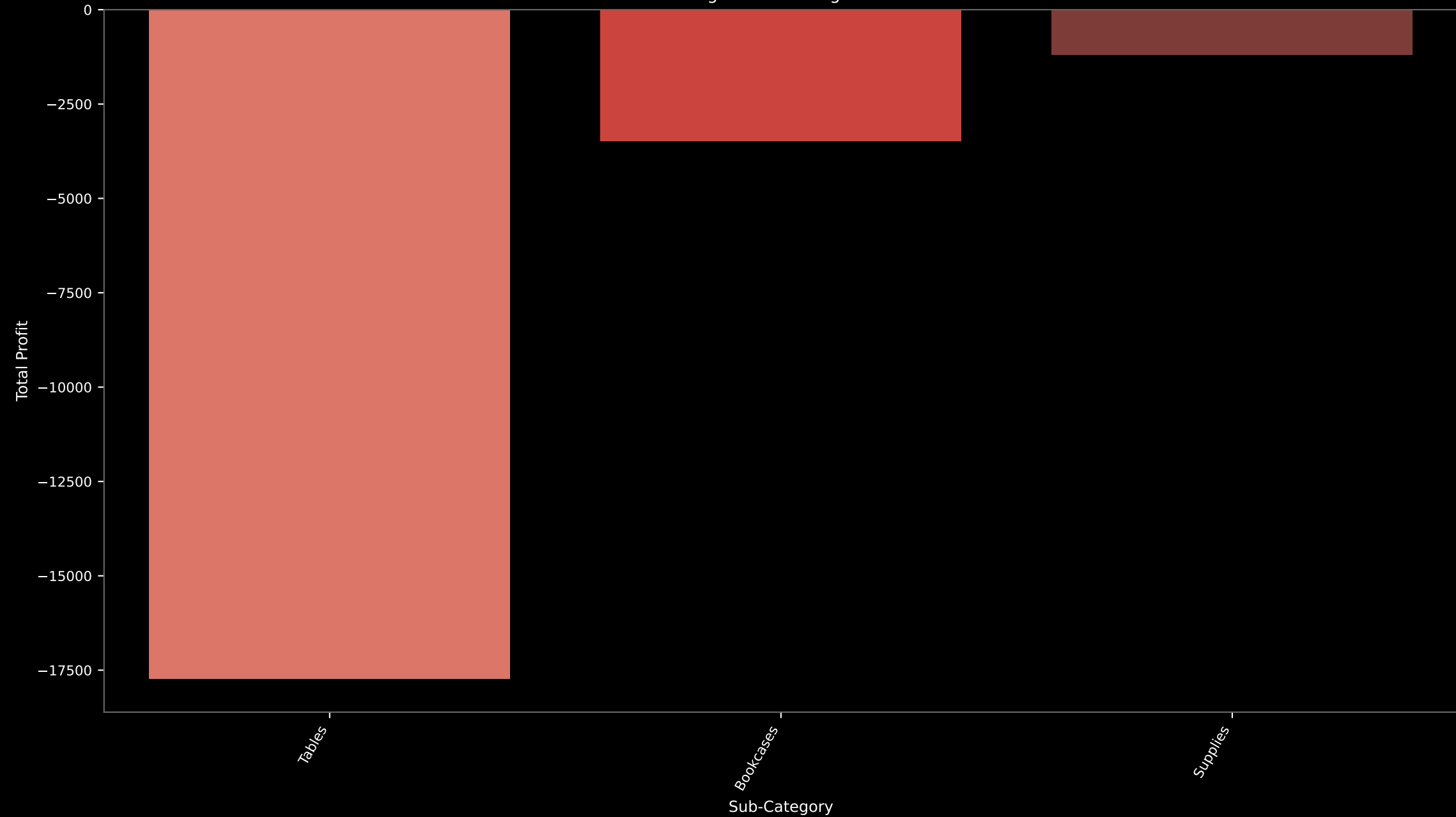
Total Profit by Product Category
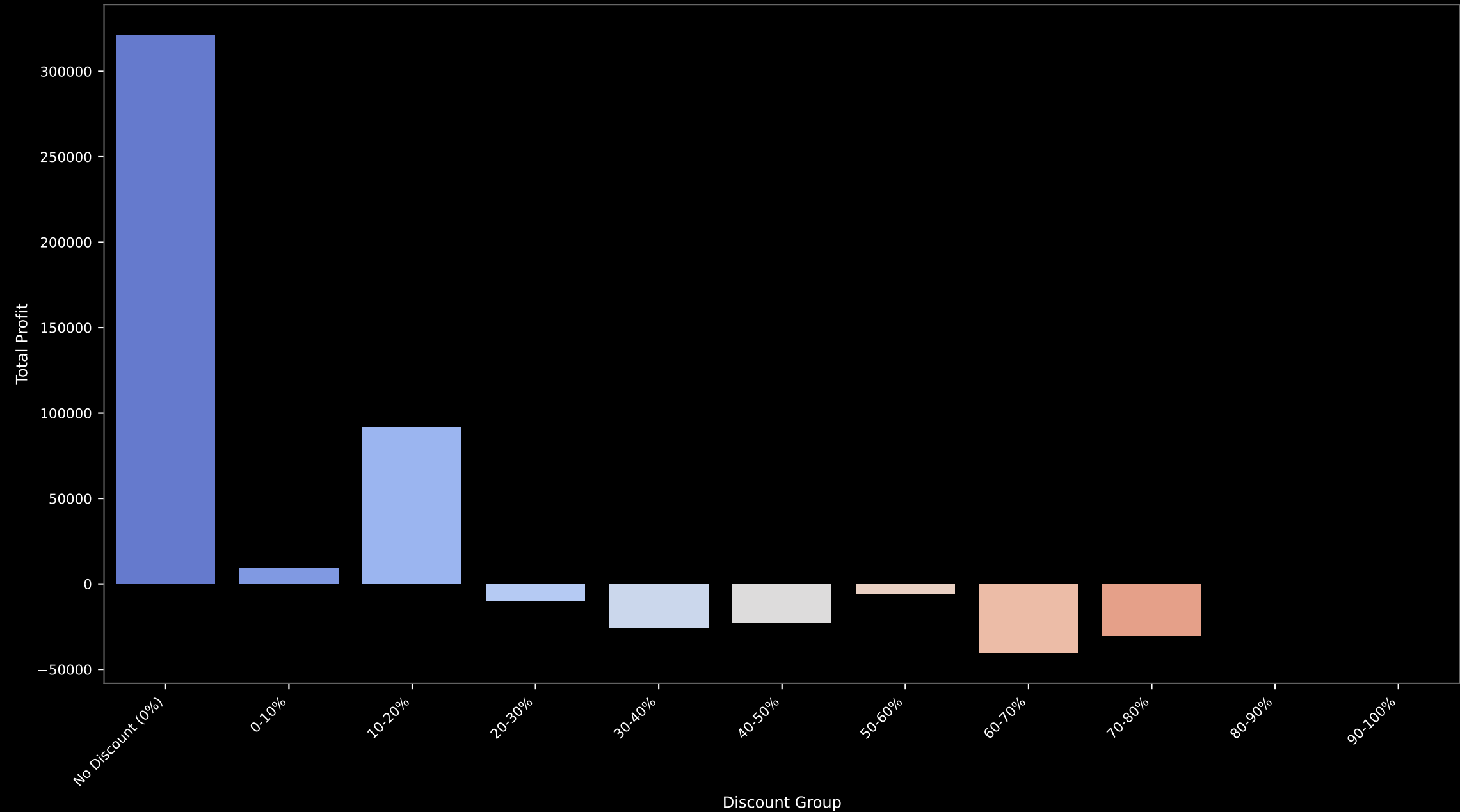
Top 15 Sub-Categories by Sales
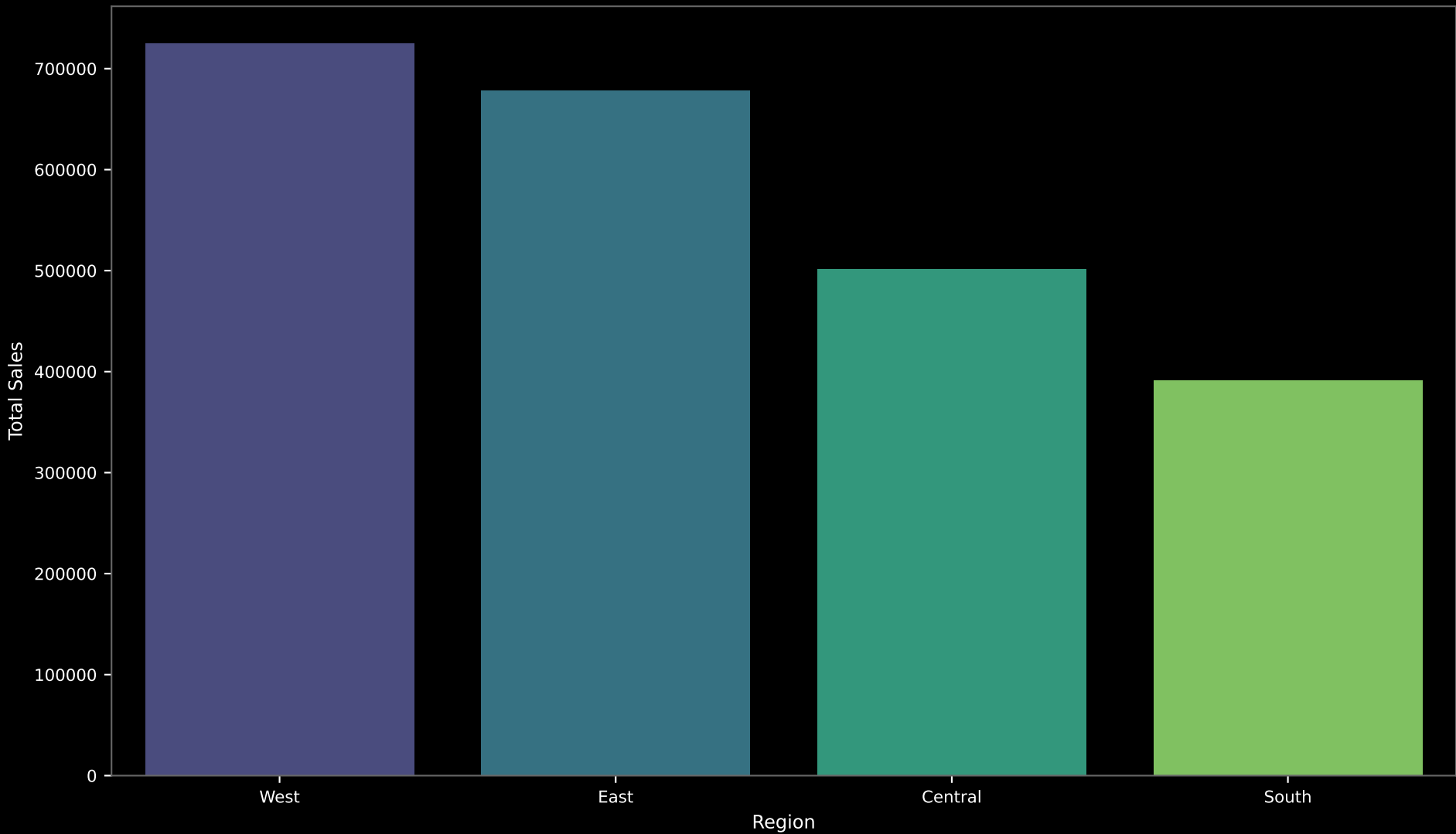
Top 15 Sub-Categories by Profit
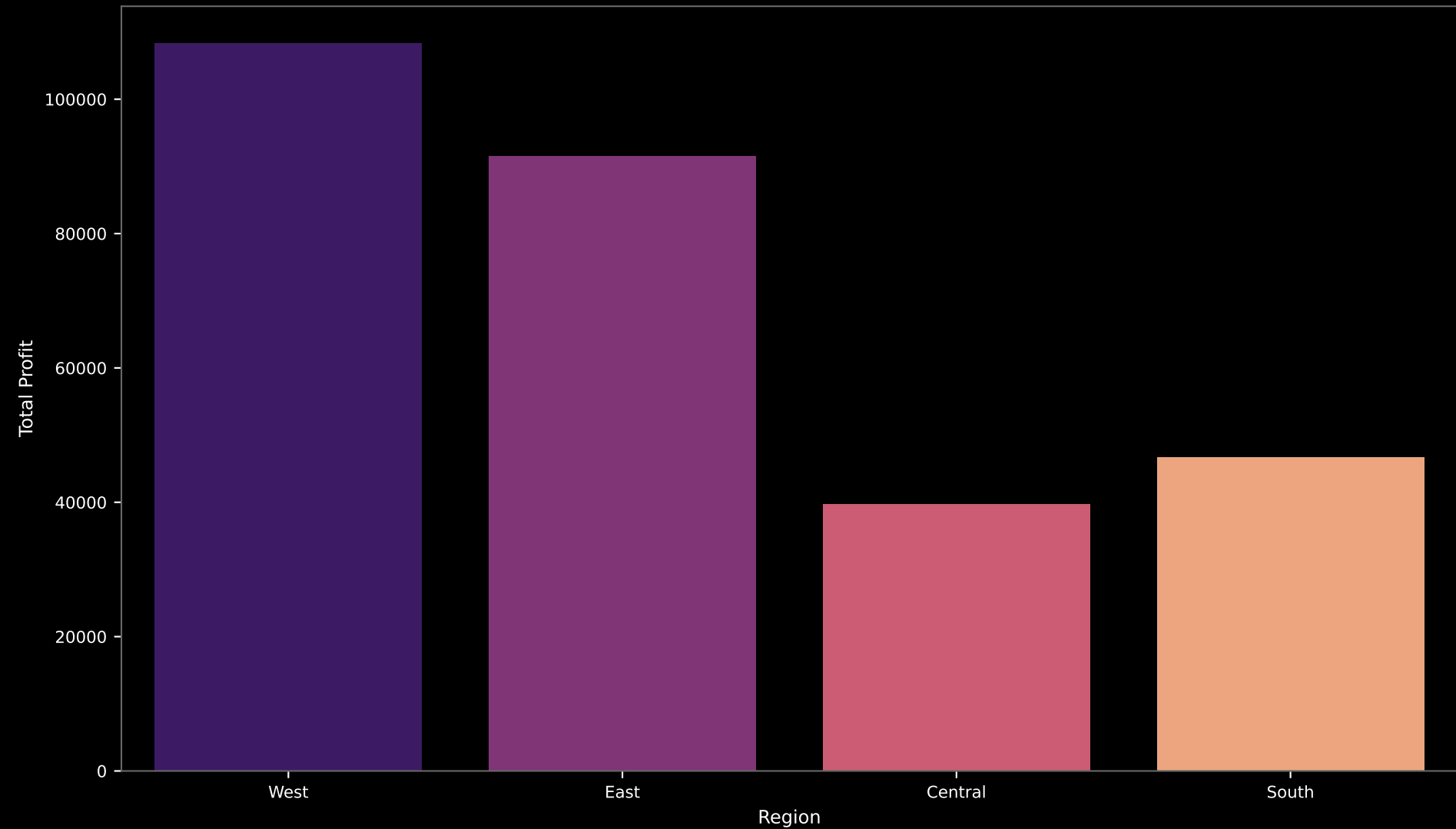
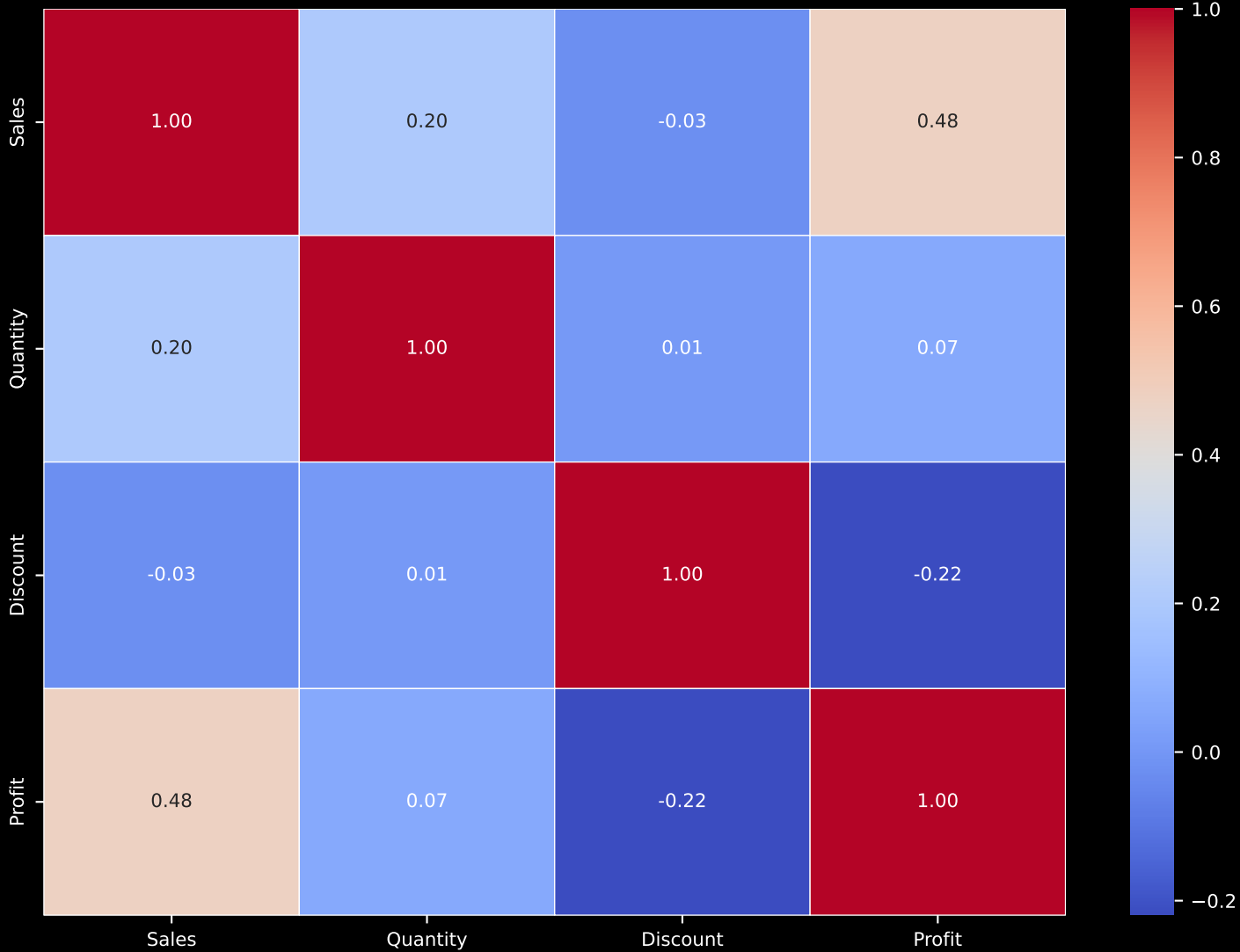Sub-Categories with Negative Profit

Total Profit by Discount Group

Total Sales by Region

Total Profit by Region

Correlation Matrix of Numerical Features

Multiple Linear Regression Results

Feature	Coefficient	Std Error	t-value	P-value	[0.025	0.975]
const	34.9721	4.2181	8.2911	0.0000	26.7039	43.2404
Sales	0.1800	0.0033	54.9606	0.0000	0.1736	0.1864
Quantity	-2.9622	0.9171	-3.2301	0.0012	-4.7598	-1.1646
Discount	-233.4570	9.6865	-24.1014	0.0000	-252.4444	-214.4696

R-squared: 0.2727

Adj. R-squared: 0.2725

F-statistic: 1248.73 (Prob(F-statistic): 0.0000)

Feature Importances (Tuned Random Forest Regression)