

Exploratory Data Analysis Report

Missing Values:

TransactionID 0
CustomerID 0
ProductID 0
TransactionDate 0
Quantity 0
TotalValue 0
Price_x 0
CustomerName 0
Region 0
SignupDate 0
ProductName 0
Category 0
Price_y 0
dtype: int64

Summary Statistics:

	Quantity	TotalValue	Price_x	Price_y
count	1000.000000	1000.000000	1000.000000	1000.000000
mean	2.537000	689.995560	272.55407	272.55407
std	1.117981	493.144478	140.73639	140.73639
min	1.000000	16.080000	16.08000	16.08000
25%	2.000000	295.295000	147.95000	147.95000
50%	3.000000	588.880000	299.93000	299.93000

75%	4.000000	1011.660000	404.40000	404.40000
max	4.000000	1991.040000	497.76000	497.76000

Top Selling Products:

ProductName

ActiveWear Smartwatch 40

SoundWave Headphones 38

BookWorld Biography 30

SoundWave Cookbook 29

ActiveWear Rug 29

Name: count, dtype: int64

Revenue by Region:

Region

Asia 152074.97

Europe 166254.63

North America 152313.40

South America 219352.56

Name: TotalValue, dtype: float64