**First Order Business Decision:**

**Mean:**

Mean of the Quantity: 2.2317484878323253

Mean of the ReturnQuantity: 0.2919538613025742

Mean of the Final\_Cost: 124.82395695597131

Mean of the Final\_Sales: 234.0383004642003

Mean of the RtnMRP: 29.126754958503305

**Median:**

Median of the Quantity: 1.0

Median of the ReturnQuantity: 0.0

Median of the Final\_Cost: 53.65

Median of the Final\_Sales: 86.424

Median of the RtnMRP: 0.0

**Mode:**

1.Mode of the Typeofsales: 0 Sale

Name: Typeofsales, dtype: object

2.Mode of the Specialisation: 0 Specialisation4

Name: Specialisation, dtype: object

3.Mode of the Dept: 0 Department1

Name: Dept, dtype: object

4.Mode of the Dateofbill: 0 07-07-2022

1 07-09-2022

Name: Dateofbill, dtype: object

5.Mode of the Quantity: 0 1

Name: Quantity, dtype: int64

6.Mode of the ReturnQuantity: 0 0

Name: ReturnQuantity, dtype: int64

7.Mode of the Final\_Cost: 0 49.352

Name: Final\_Cost, dtype: float64

8.Mode of the Final\_Sales: 0 0.0

Name: Final\_Sales, dtype: float64

9.Mode of the RtnMRP: 0 0.0

Name: RtnMRP, dtype: float64

10.Mode of the Formulation: 0 Form1

Name: Formulation, dtype: object

11.Mode of the DrugName: 0 SODIUM CHLORIDE IVF 100ML

Name: DrugName, dtype: object

12.Mode of the SubCat: 0 INJECTIONS

Name: SubCat, dtype: object

13.Mode of the SubCat1: 0 INTRAVENOUS & OTHER STERILE SOLUTIONS

Name: SubCat1, dtype: object

**Second Order Business Decision**

**Variance:**

Variance of the Quantity: 26.337862329084366

Variance of the ReturnQuantity: 2.7005064023164533

Variance of the Final\_Cost: 216023.04539370985

Variance of the Final\_Sales: 450592.09766563325

Variance of the RtnMRP: 33219.55893826576

**Standard Deviation:**

Standard Deviation of the Quantity: 5.1320427053059845

Standard Deviation of the ReturnQuantity: 1.6433217586085975

Standard Deviation of the Final\_Cost: 464.78279377975025

Standard Deviation of the Final\_Sales: 671.2615717182335

Standard Deviation of the RtnMRP: 182.26233548999025

**Range:**

Range of the Quantity: 150

Range of the ReturnQuantity: 50

Range of the Final\_Cost: 33138.0

Range of the Final\_Sales: 39490.0

Range of the RtnMRP: 8014.0

In [ ]:

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# Third Order Business Decision

# Skewness:

Skewness of the Quantity: 11.34103427676747

Skewness of the ReturnQuantity: 17.172364771343634

Skewness of the Final\_Cost: 34.508214502400946

Skewness of the Final\_Sales: 21.006721582359116

Skewness of the RtnMRP: 15.797853037440984

# Fourth Order Business Decision

**Kurtosis:**

Kurtosis of the Quantity: 180.15385837022285

Kurtosis of the ReturnQuantity: 409.41691374471526

Kurtosis of the Final\_Cost: 2025.8664752637628

Kurtosis of the Final\_Sales: 948.5227111226725

Kurtosis of the RtnMRP: 403.52494081462515