Requirement Document

**Instructions**

1. Join the three tables: Sales, Returns, and People.
2. All date formats should be in MM/DD/YYYY format.
3. All currency values should be shown in US dollars.
4. All currency values should be displayed with two decimal places.

**Report 1**

**Filters:**

* Order Date, City, Region, Category, Sales Manager.

**Card Values:**

* Total Profit, Total Quantity, Total Sales, Total Order Count.

**Charts:**

1. Show total sales by manager in a Pie Chart.
2. Show total sales by manager in a Bar Chart.
3. Display all category sales in a Waterfall Chart.

**Report 2**

**Filters:**

* **Order Date, Sales Manager, Subcategory, Ship Mode.**

**Card Values:**

* **Total Sales, Count of Cities, Count of Products, Count of Customers.**

**Charts:**

1. **Display the top 5 customers’ product names, sales, quantity, category, and city in a Matrix Chart.**
2. **Show positive sales by manager in a Bar Chart.**
3. **Show negative sales by manager in a Bar Chart.**
4. **Display the top 5 states' profit and sales in a Stacked Column Chart.**

**Report 3**

**Filters :**

* **State, City, Region, Category.**

**Charts:**

1. **Use a Line Chart to display the total profit for each month.**
2. **Use a Line Chart to display weekly sales.**
3. **Use a Ribbon Chart to show category sales.**
4. **Use a Scatter Chart to show sales by city.**
5. **Use a Tree Map to display negative profit values for all categories.**

**6.Use a Map to show quantity by city.**

**Report : 4**

1. **A sample matrix chart**
2. **A sample table chart**
3. **A sample gauge chart**
4. **A line and stacked column chart**
5. **A line and clustered column chart**