

# Project-Superstoe Dataset



## **Introduction**

**What is Data Analysis:** - Data Analysis is process of inspecting, cleaning, transforming and modeling data with the goal of discovering useful information suggesting conclusions, and supporting decision-making.

Microsoft Excel, spreadsheet application launched in 1985 by the Microsoft Corporation. Excel is a popular spreadsheet system, which organizes data in columns and rows that can be manipulated through formulas that allow the software to perform mathematical function on the data.

**MS Excel:** - MS Excel is a spread-sheet program where one can record data in the form of tables. It is easy to analyze data in an Excel spread-sheet. A Microsoft Excel spread-sheet can have a maximum of 1048576 rows and 16384 Columns.

**Pivot Table:** - A Pivot table is Calculates, summarize and analyze data that lets we see comparisons, patterns and trends in our data. Pivot table have four drag field.

- Report filter.
- Column labels.
- Row labels.
- Summation value.

**Pivot Chart:** - A Pivot chart in Excel is a visual representation of the data. It gives you the big picture of your raw data. It allows you to analyze data using various type of graph and layouts. It is considered to be the best chart during a business presentation that involves huge data. Pivot chart have four drag.

- Report filter
- Legend fields
- Axis Fields
- Summation Value

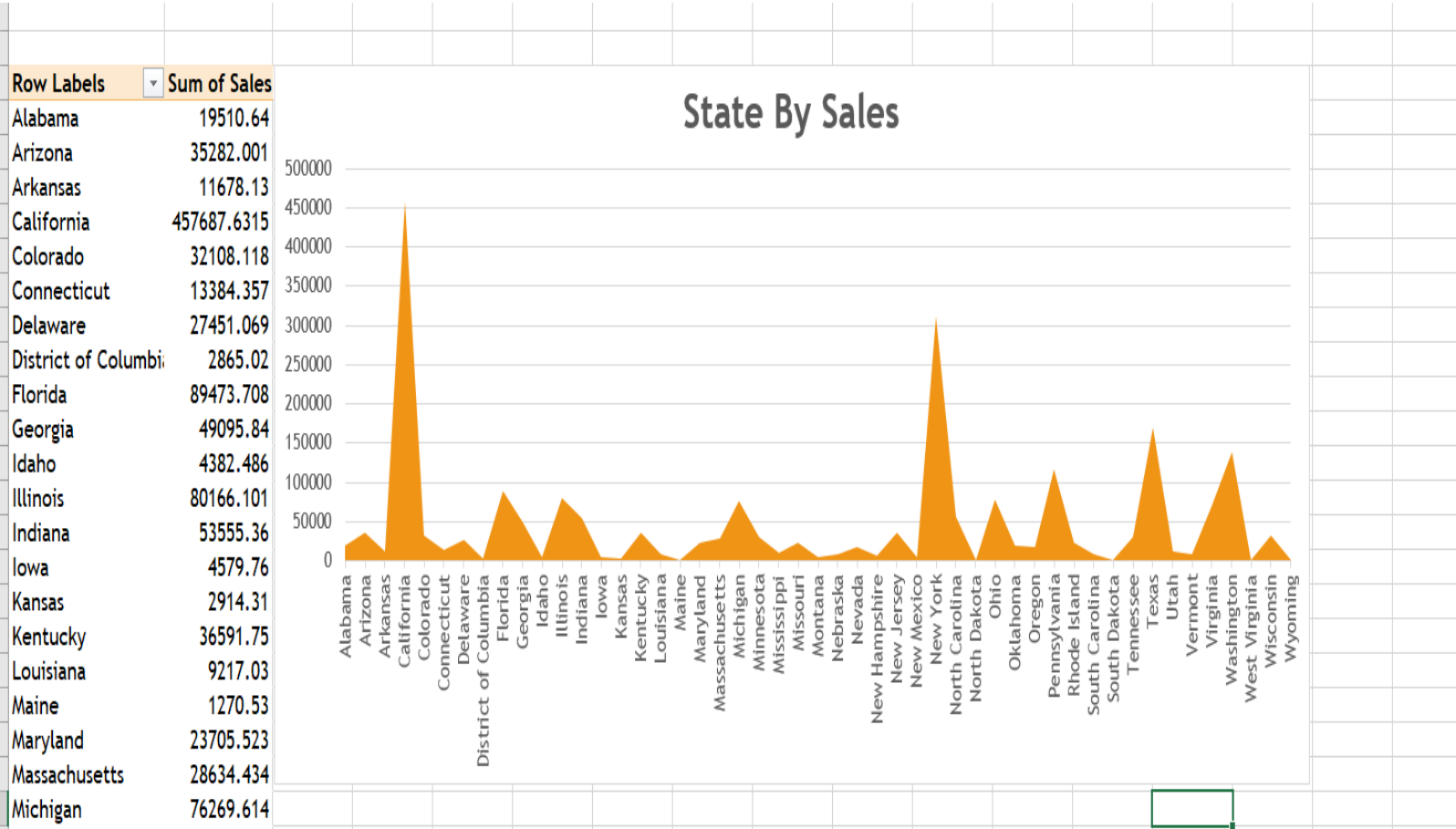
**Slicer:** - Excel Slicer and Time line are such a filters that give us the desired results in an effective and simple way.

## Creating the State by Sales of Data

There have used Pivot table and Pivot chart for Visualization and analysis of data from the table. There have taken out the state by sales data from the table by using area chart.

Top Five Sum of Sales Data of State:

California	457687.6
New York	310876.3
Texas	170188
Washington	138641.3
Pennsylvania	116511.9

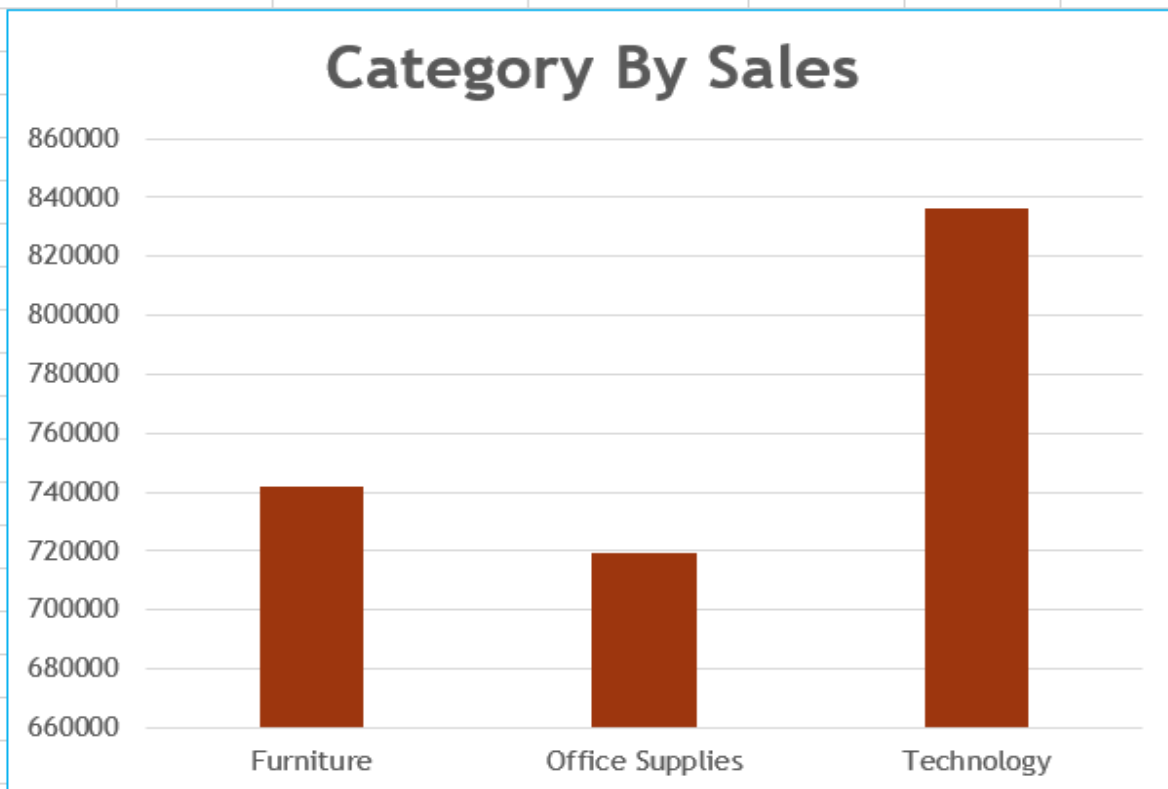


## Category by Sales of Data

There has used Pivot table and bar Chart to visualization and analysis of data and taken out category by sales data from the table. There is highest sales of technology have taken place except from furniture and office supplies.

**Key Point:** -you need focus on furniture and office supply sales. You have to consider, how to enhance sales on furniture and office supplies.

Row Labels	Sum of Sales
Furniture	741999.7953
Office Supplies	719047.032
Technology	836154.033

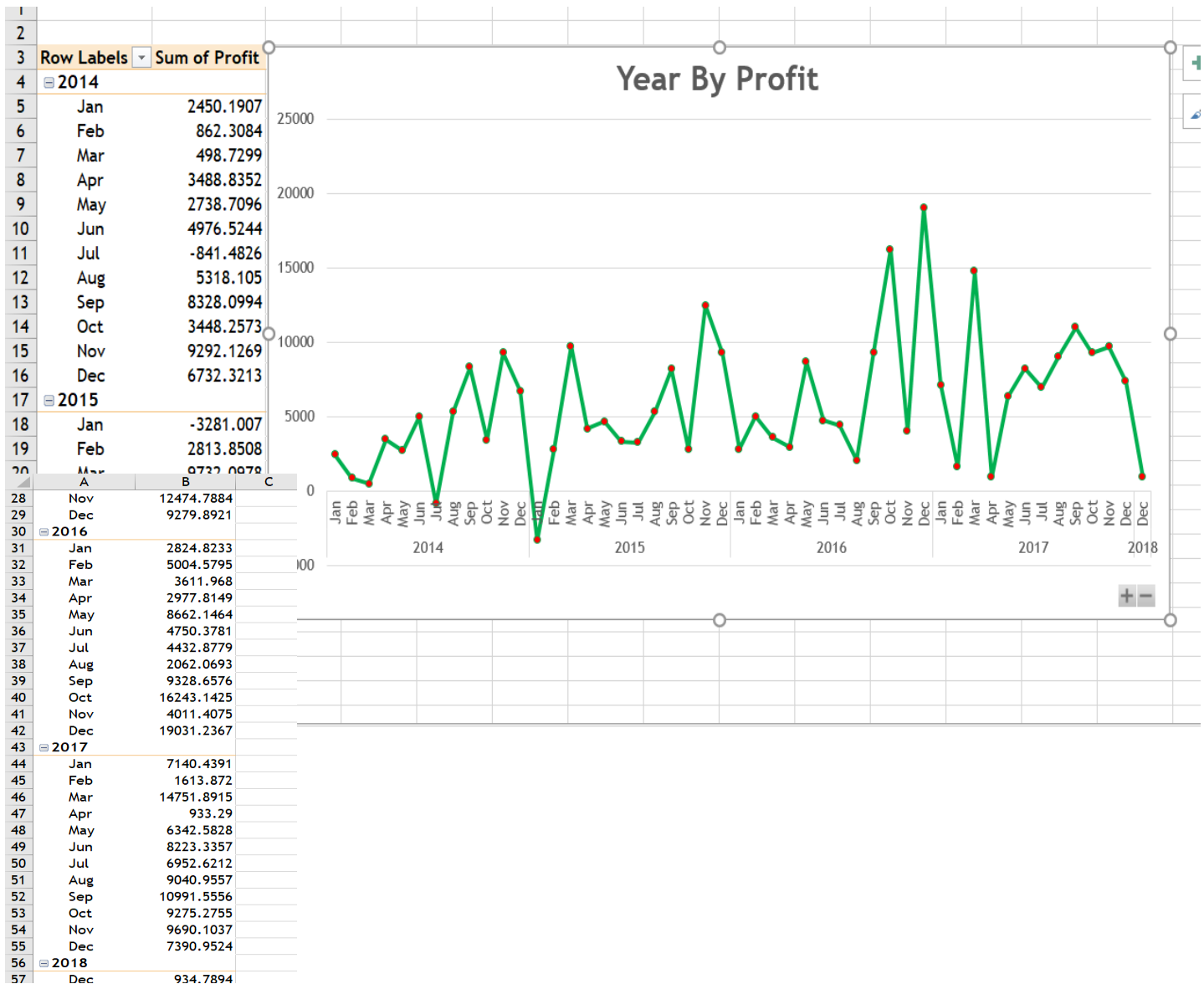


## Year By Profit of Data

There has used Pivot table and line chart to visualization and analysis of data by year and there have fetched data of Profit by year from table for analysis. in **2014 of June** month and **2015 of January** month, line graph is go to in **minus level**. It is bad issue for Company.

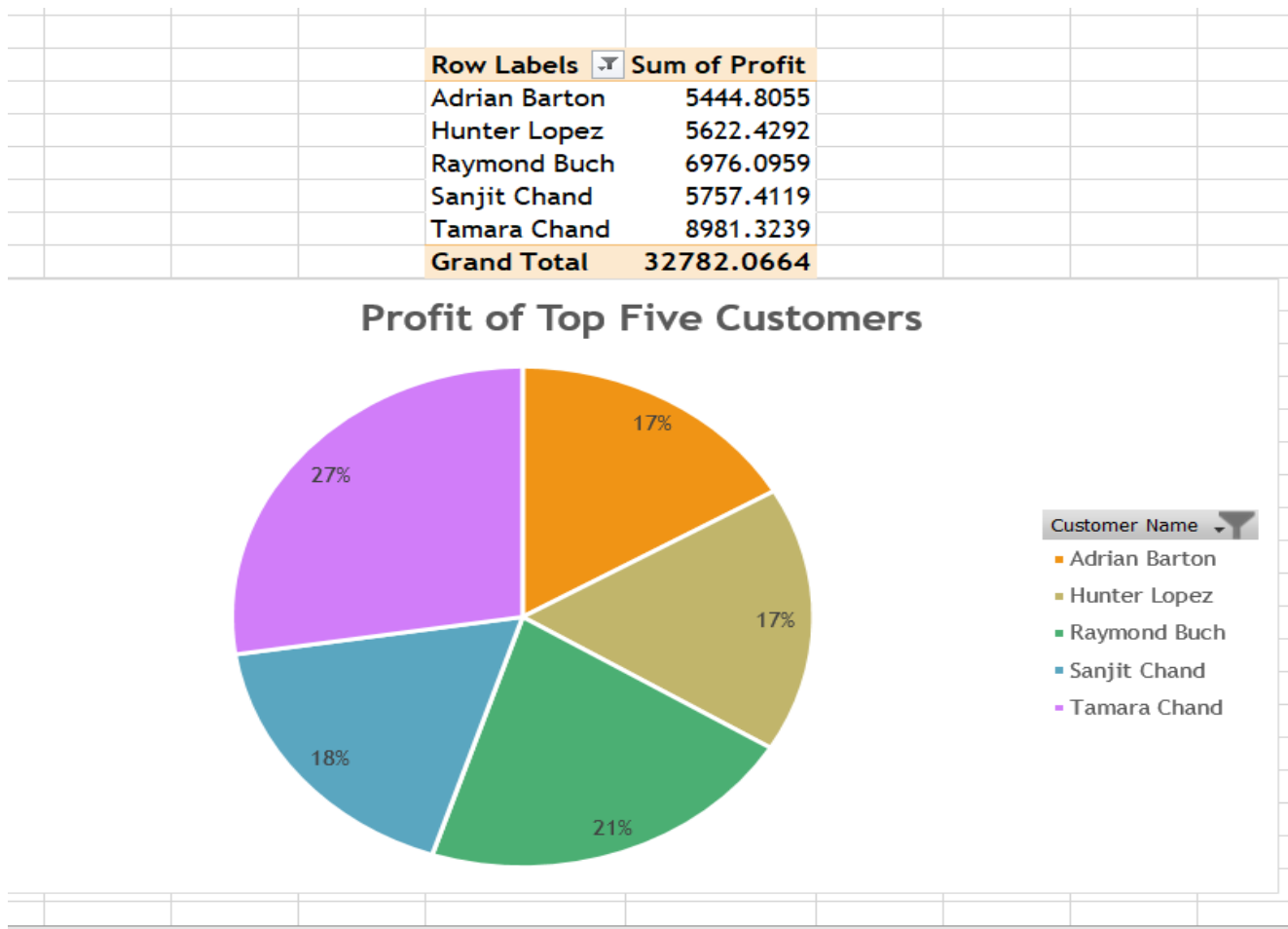
### Year By Top Five Profit : -

Year	Months	Sum of Profit
2014	Nov	9292.1269
2015	Nov	12474.7884
2016	Dec	19031.2367
2017	Mar	14751.8915
2018	Dec	934.7894



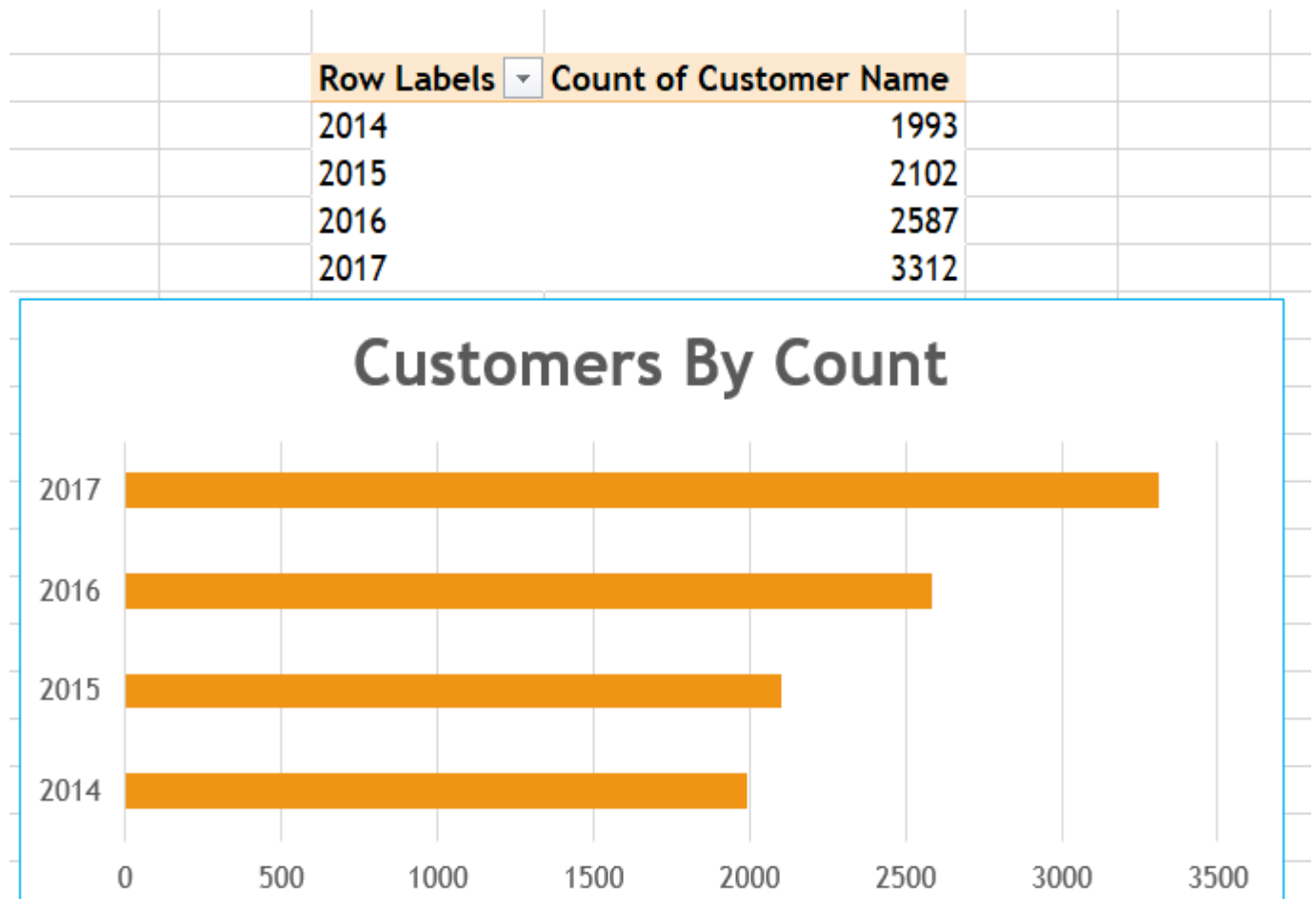
## Profit of Top five Customers of Data

There has used Pivot table and Pie Chart to visualization and analysis of data and taken Out data customer by profit data from table. Profit of Top Five Customers shown through by Pie Chart.



## Customers By Count of Data

There has used Pivot table and Bar chart to visualization and analysis of data Customers name by count. there has taken out data customers name by count from the table for analysis in year.



## Category and Year By Slicer

There has used slicer to connect all charts. category slicer and year slicer has used to connect all chart. Through which we can see category and year data and analyze data.

The image shows two Excel slicers on a grid background. The top slicer is titled 'Category' and contains three buttons: 'Furniture', 'Office Supplies', and 'Technology'. The bottom slicer is titled 'Years' and contains four buttons: '2014', '2015', '2016', and '2017'. Both slicers have a list icon and a filter icon in the top right corner. The 'Years' slicer also has a scroll arrow icon on the right side of the buttons.

Category			
Furniture	Office Supplies	Technology	

Years			
2014	2015	2016	2017



## **Conclusion of Superstore data**

The company needs to pay attention to the quality and cost of its products.

**Quality of Products:** - you should have Enhance quality of material, I mean say that you should make material to attractive and adorable with quality So that the customer is anxious to take. most important thing is, there should be durability of Goods.

**Cost of Products:** - most crucial thing, you should have less price on goods (another ways, we can say that you should Discount price with like 5% or 10% of material based on need Customers). they should decide reasonable price according to quality of goods. it should not be very cheap or high.