QlikView - Bar Chart

Bar charts are very widely used charting method to study the relation between two dimensions in form of bars. The height of the bar in the graph represents the value of one dimension. The number of bars represent the sequence of values or grouped values of another dimension.

Input Data

Let us consider the following input data, which represents the sales figure of different product lines and product categories.

```
Product_Line,Product_category,Value
Sporting Goods,Outdoor Recreation,5642
Food, Beverages & Tobacco,2514
Apparel & Accessories,Clothing,2365
Apparel & Accessories,Costumes & Accessories,4487
Sporting Goods,Athletics,812
Health & Beauty,Personal Care,6912
Arts & Entertainment,Hobbies & Creative Arts,5201
Arts & Entertainment,Paintings,8451
Arts & Entertainment,Musical Instruments,1245
Hardware,Tool Accessories,456
Home & Garden,Bathroom Accessories,241
Food,Drinks,1247
Home & Garden,Lawn & Garden,5462
Office Supplies,Presentation Supplies,577
Hardware,Blocks,548
Baby & Toddler,Diapering,1247
Baby & Toddler,Toys,257
Home & Garden,Pipes,1241
Office Supplies,Display Board,2177
```

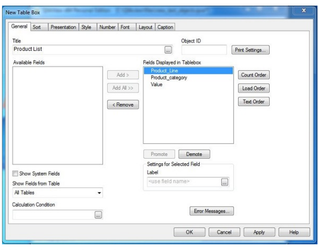
Load Script

The above data is loaded to the QlikView memory by using the script editor. Open the Script editor from the File menu or press **Control+E**. Choose the "Table Files" option form the "Data from Files" tab and browse for the file containing the above data. Edit the load script to add the following code. Click "OK" and press **"Control+R"** to load the data into the QlikView's memory.

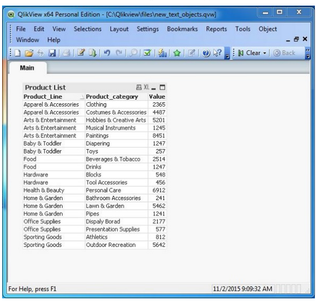
```
LOAD Product_Line,
     Product_category,
     Value
FROM
[C:\Qlikview\data\product_sales.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);
```

Creating Table Box(Sheet Object)

For the above data, let us create a **Table Box**, which will show the data in a tabular form. Go to the menu **Layout** → **New Sheet Object** → **Table Box** and choose the column as shown below.

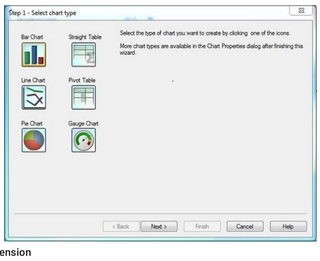


Click **Apply** and then **OK** to finish creating the Table box. The below given screen appears.



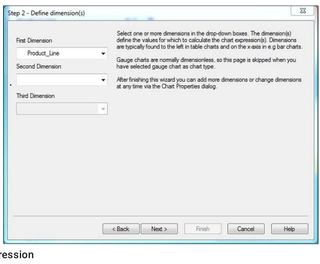
Using the Quick Chart Wizard

To start creating a bar chart, we will use the quick chart wizard. On clicking it, the following screen appears which prompts for selecting the chart type. Choose **bar Chart** and click Next.



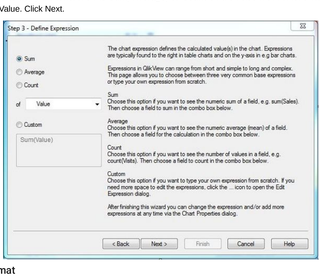
Choose the Chart Dimension

Choose Product Line as the First Dimension.



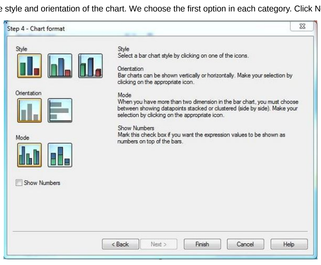
Choose the Chart Expression

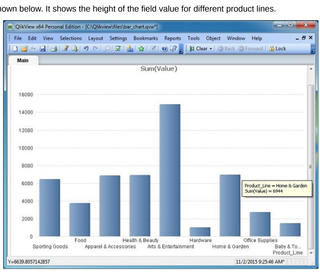
The chart expression is used to apply the functions like **Sum, Average, or Count** on the fields with numeric values. We will apply the Sum function on the filed named Value. Click Next.



Choose the Chart Format

The Chart format defines the style and orientation of the chart. We choose the first option in each category. Click Next.



The Bar Chart

The Bar chart appears as shown below. It shows the height of the field value for different product lines.