

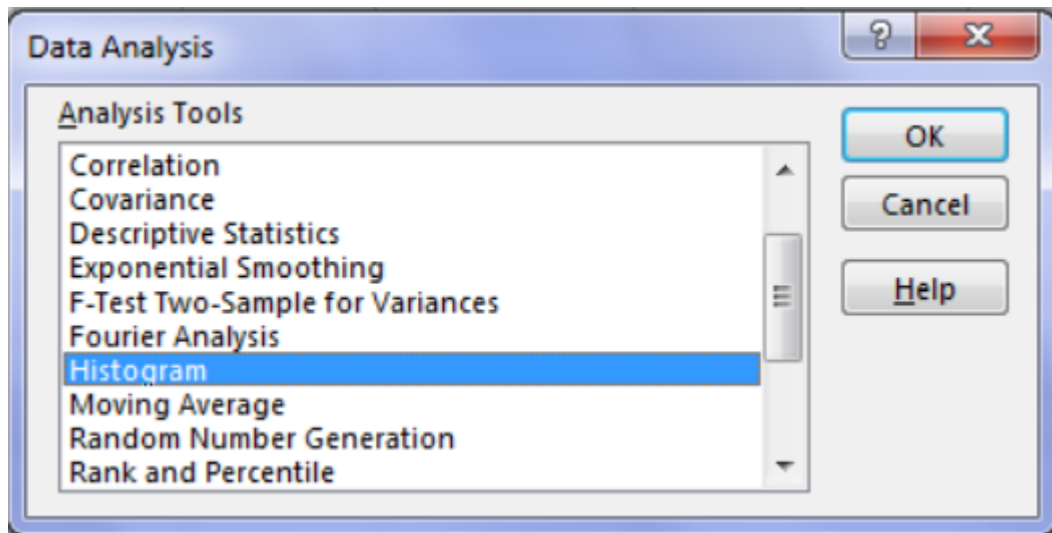
Wireframe Documentation

Ecommerce Analytics Dashboard

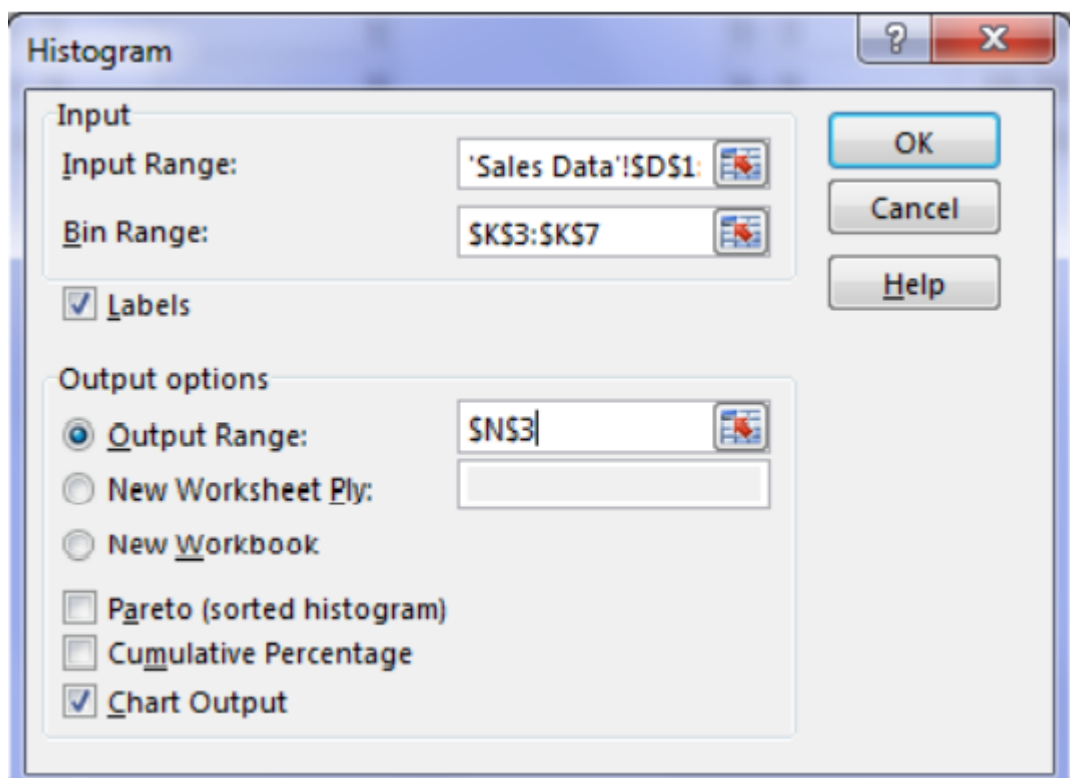
Create a Dashboard

Step 1: Create Histogram for Shipping Days(Aging)

1. To create histogram, click the Data Tab, Under Analysis Group (Right Corner), Click Data Analysis. Now, select Histogram and click ok.
2. A histogram dialog box will appear.



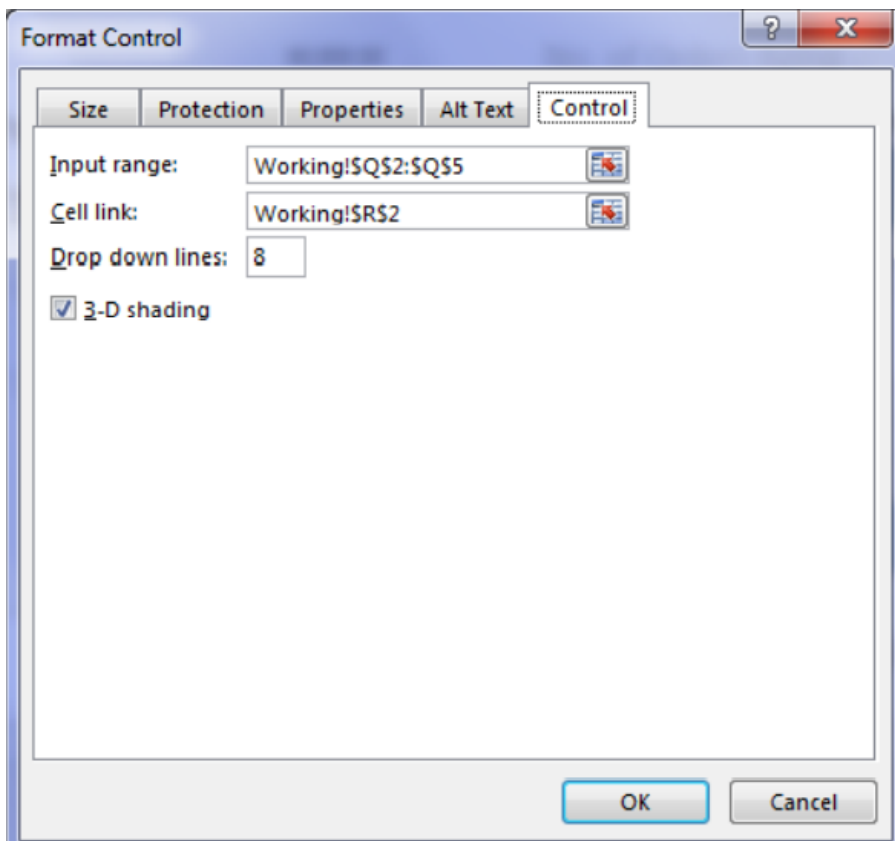
3. In the histogram dialog box, first click the Label's Check box as we have labels in our data.
4. After that, In the Input reference box select the range ("Sales Data!D1:D51291") of our data and in the Bin Range Reference box select ("Working!K3:K7").
5. In the Output section, select range "Working!N3" for the binning table, click the Histogram check box and then ok.





Step2 - Create Combo Box:

1. Insert Combo box for product category list in the Dashboard Sheet.
2. Click Developer Tab > Under Controls Panel > Click Combo box and draw. Pass the Input Range and Cell for the Combo box.
3. Right-click the country list Combo box > Click Format Control > Under Format Control Panel, Pass Input Range "Working!Q2:Q5" and Cell Link "Working!R2" from the working sheet.



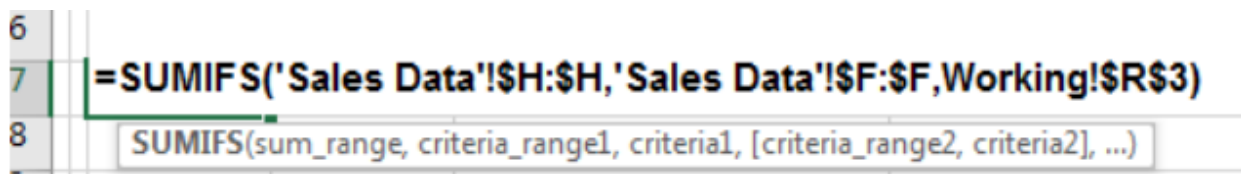
- Now, write the offset function in cell “R3” to fetch the product category based on the selection in the product category Combo box.
- Write the equal sign and then the function name.
- Pass the first argument as Cell “\$Q\$1.”
- In the second argument, select the cell link cell “\$R\$2.”

Step3: SUMIFS formula to calculate Total Sales, Quantity, and Profit

Now, write Sumifs formula to calculate Sales, Quantity, and Profit in the Dashboard sheet.

Enter the formula in Cell C7:

1. Enter the equal sign and then enter the function name and open parenthesis.
2. Pass the first Argument is Sum_Range, select range ‘Sales Data’!\$H:\$H, and then enter a comma.
3. Now, pass the second argument Product Category column “criteria Range1” as ‘Sales Data’!\$F:\$F, enter comma
4. Pass the third argument “criteria1” “Working!\$R\$3”, and enter a comma.\



Perform the same function to calculate the Quantity in Cell G7.

- In G7, write the equal sign, and then enter the function name and open parenthesis.
- The first Argument is Sum_Range, select range ‘Sales Data’!\$I:\$I, and then enter a comma.
- Now, pass the second argument Product Category column “criteria Range1” as ‘Sales Data’!\$F:\$F, and enter a comma.
- Pass the third argument “criteria1” “\$R\$3,” and enter a comma.

For Profit

- In K7, write the equal sign and then enter the function name and open parenthesis.
- The first Argument is Sum_Range, select range ‘Sales Data’!\$K:\$K, and then enter a comma.
- Pass the second argument Product Category column “criteria Range1” as ‘Sales Data’!\$F:\$F, and enter a comma.
- Now, pass the third argument “criteria1” “\$R\$3,” and enter a comma.

Step4: SUMIFS formula to calculate Sales and Profit month wise

Now write the sumifs formula to calculate the Sales and profit month-wise and sales region-wise.

Enter formula in Cell C4:

- Enter the equal sign and then enter the function name and open parenthesis.
- The first Argument is Sum_Range, select range ‘Sales Data’!\$H:\$H, and then enter a comma.
- Pass the second argument month column “criteria Range1” as ‘Sales Data’!\$U:\$U, and enter a comma.
- Now, pass the third argument “criteria1” “\$B\$4,” and enter a comma.
- Pass the fourth argument as Data!\$F:\$F product category column, and enter comma.
- Pass the fifth argument as “\$R\$3.” Now, copy and paste the formula in Range C4:C15.

Enter formula in Cell D4:

- Enter Equal sign then enters function name and open parenthesis
- The first Argument is Sum_Range, select range 'Sales Data'!K:K, and then enter a comma.
- Now, pass the second argument month column "criteria Range1" as 'Sales Data'!U:U, and enter a comma.
- Pass the third argument "criteria1" "\$B\$4," and enter a comma.
- Pass the fourth argument as Data!F:F product category column, and enter comma.
- Enter the fifth argument as "\$R\$3."
- Now, copy and paste the formula in Range D4:D15.

Months	Sales	Profit	Regions	Sales
Jan	=SUMIFS('Sales Data'!\$H\$1:\$H\$65536,'Sales Data'!\$U\$1:\$U\$65536,'Working (2)'!\$B4,'Sales Data'!\$F\$1:\$F\$65536,\$R\$3)			
Feb	29,776		Canada	
Mar	32,800		Caribbean	
Apr	33,417		Central	
May	33,705		Central Asia	
Jun	30,219		East	
Jul	29,644		EMEA	
Aug	34,088		North	
Sep	33,069		North Asia	
Oct	39,240		Oceania	
Nov	32,598		South	
Dec	34,902		Southeast Asia	
			West	

Step5: SUMIFS formula to calculate Sales region wise

- Write the equal sign and then enter the function name and open parenthesis.
- The first Argument is Sum_Range, select range 'Sales Data'!H:H, and then enter a comma.
- Pass the second argument region column "criteria Range1" as 'Sales Data'!T:T, and enter comma
- Now, pass the third argument "criteria1" "\$F\$4,"and enter a comma.
- Pass the fourth argument as Data!F:F product category column, and enter comma.
- Pass the fifth argument as "\$R\$3." Now, copy and paste the formula in Range G4:G15.

Step 6: Create Column Chart

- Now, create the column chart for both region-wise and month-wise tables.
- Select table (B3:D15), click insert tab > under Charts Panel > Insert column chart.
- Cut and Paste the chart in the Dashboard Sheet. Perform the same steps for other tables to create charts.
- Now, this is our sales Dashboard, we can apply any color in the interior of cells, and data series to format it.

E-Commerce Sales Dashboard

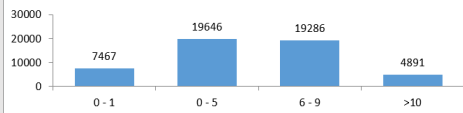
Home & Furniture

Sales
\$ 13,19,407.0

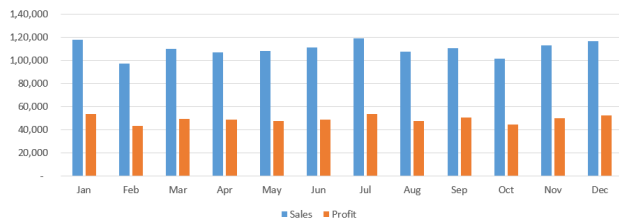
Quantity
31055

Profit
\$ 5,87,597.6

No. of Orders Aging wise



Monthly Sales and Profit



Region wise Sales

