

# E-Commerce Sales Dashboard

simpli|learn



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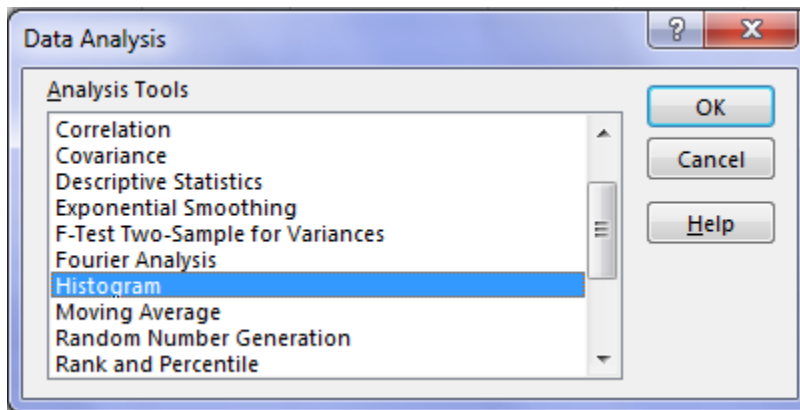
## E-Commerce Sales Dashboard

### Analysis Tasks

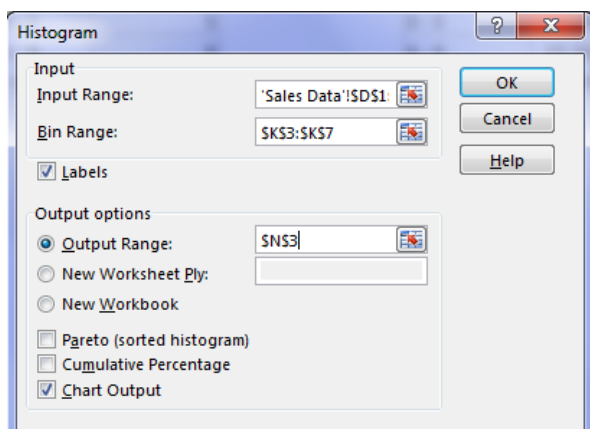
- Use the Saved Sample – E-Commerce database.
- Create a histogram to analyze a number of shipping days.
- Prepare a table of Sales and Profit month-wise in one sheet, named it as 'Working Sheet'.
- Prepare the sales table region-wise in the working sheet.
- Create a User Control Combo box for Product Category.
- Create Column Chart of a month-wise table and region-wise table.
- Link the table with combo box.
- Create a dashboard.

### Sample Step Create Histogram for Shipping Days (Aging)

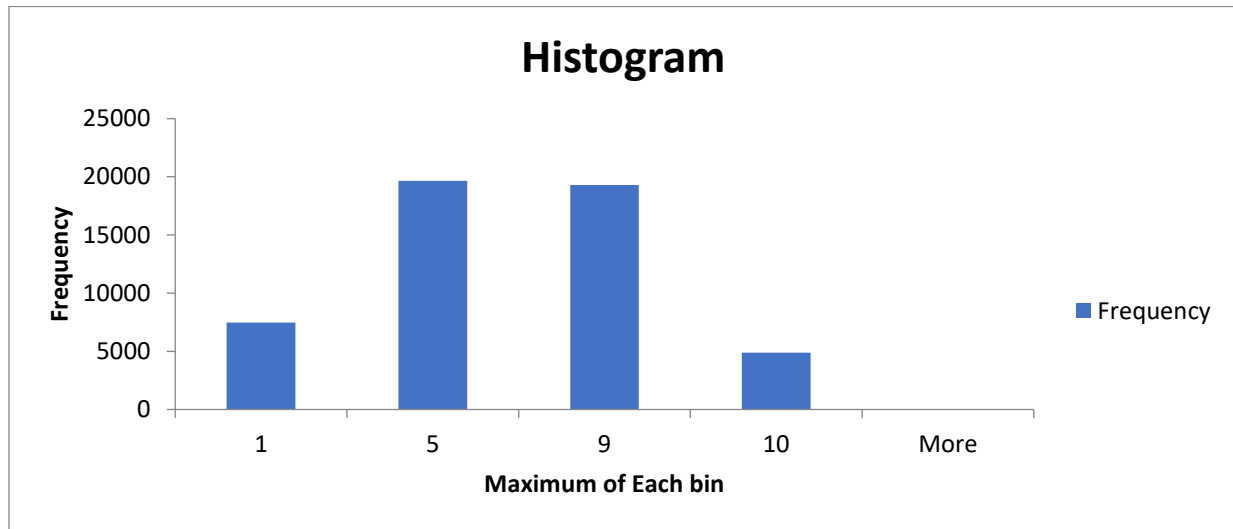
To create a histogram, click the Data Tab, Under Analysis Group (Right Corner), Click Data Analysis. Now, select Histogram and click ok. A histogram dialog box will appear.



In the histogram dialog box, first, click the Label's Checkbox as we have labels in our data. 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**"). In the **Output section**, select range "**Working!N3**" for a binning table, click Histogram checkbox and then ok.



- Creation of the Histogram using the above-mentioned steps:



- Prepare a table of Sales and Profit month-wise in one sheet, named it as 'Working Sheet'.

Months	Sum of Sales	Sum of Profit
Jan	676313	313566.3467
Feb	610240	286102.6233
Mar	686681	317186.0067
Apr	659404	308364.5133
May	672547	313751.2467
Jun	664560	307585.0233
Jul	685152	318703.2
Aug	670788	310442.8433
Sep	658844	305334.4567
Oct	689116	320748.67
Nov	656663	304716.1
Dec	693073	323401.92
<b>Grand Total</b>	<b>8023381</b>	<b>3729902.95</b>

Months	Sales	Profit
Jan	117,677	53,274
Feb	97,361	42,989
Mar	110,048	49,264
Apr	107,029	48,287
May	107,848	47,383
Jun	111,250	48,876
Jul	119,095	53,137
Aug	107,444	47,557
Sep	110,696	50,176
Oct	101,689	44,412
Nov	112,861	49,947
Dec	116,409	52,295

- Prepare the sales table region-wise in the working sheet.

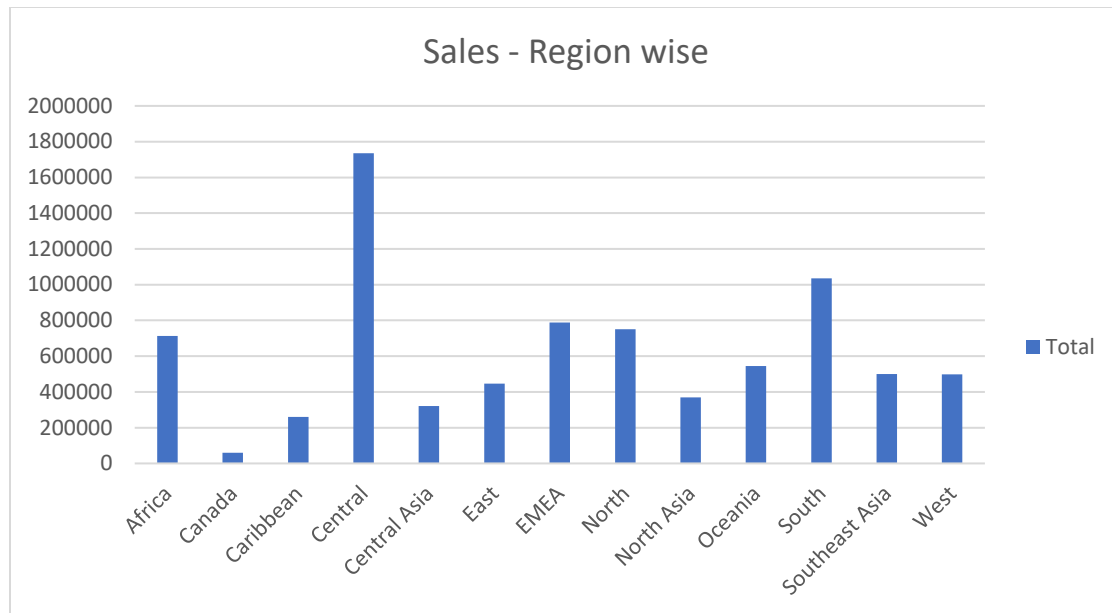
Regions	Sum of Sales
Africa	713074
Canada	60003
Caribbean	260495
Central	1735900
Central Asia	321005
East	446468
EMEA	788072
North	750482
North Asia	369816
Oceania	544827
South	1034884
Southeast Asia	500923
West	497432
<b>Grand Total</b>	<b>8023381</b>

- Create a User Control Combo box for Product Category.

Product Category				
Auto & Accessories		Home & Furniture		4
Electronic		Auto & Accessories		
Fashion		Electronic		
Home & Furniture		Fashion		
		Home & Furniture		

- Create Column Chart of a month-wise table and region-wise table.





- Link the table with combo box.

I have used SUMIFS function to pull the required data from the Sales Data sheet. Below is the formula that I have used.

Sales =SUMIFS('Sales Data'!\$H:\$H,'Sales Data'!\$F:\$F,WorkingS!\$C\$58)

Quantity = =SUMIFS('Sales Data'!\$I:\$I,'Sales Data'!\$F:\$F,WorkingS!\$C\$58)

Profit = =SUMIFS('Sales Data'!\$K:\$K,'Sales Data'!\$F:\$F,WorkingS!\$C\$58)

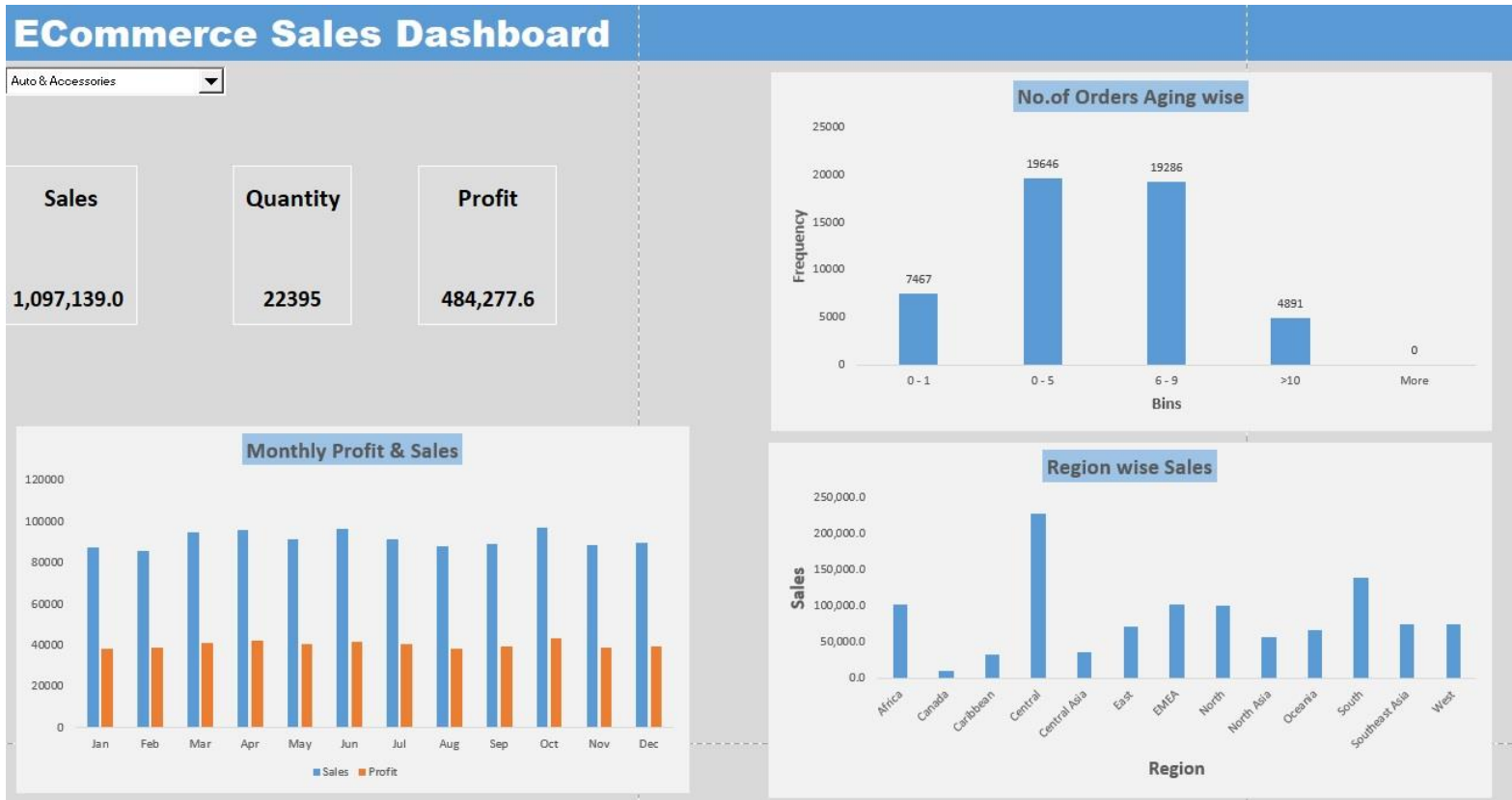
Formula to link the combo box.

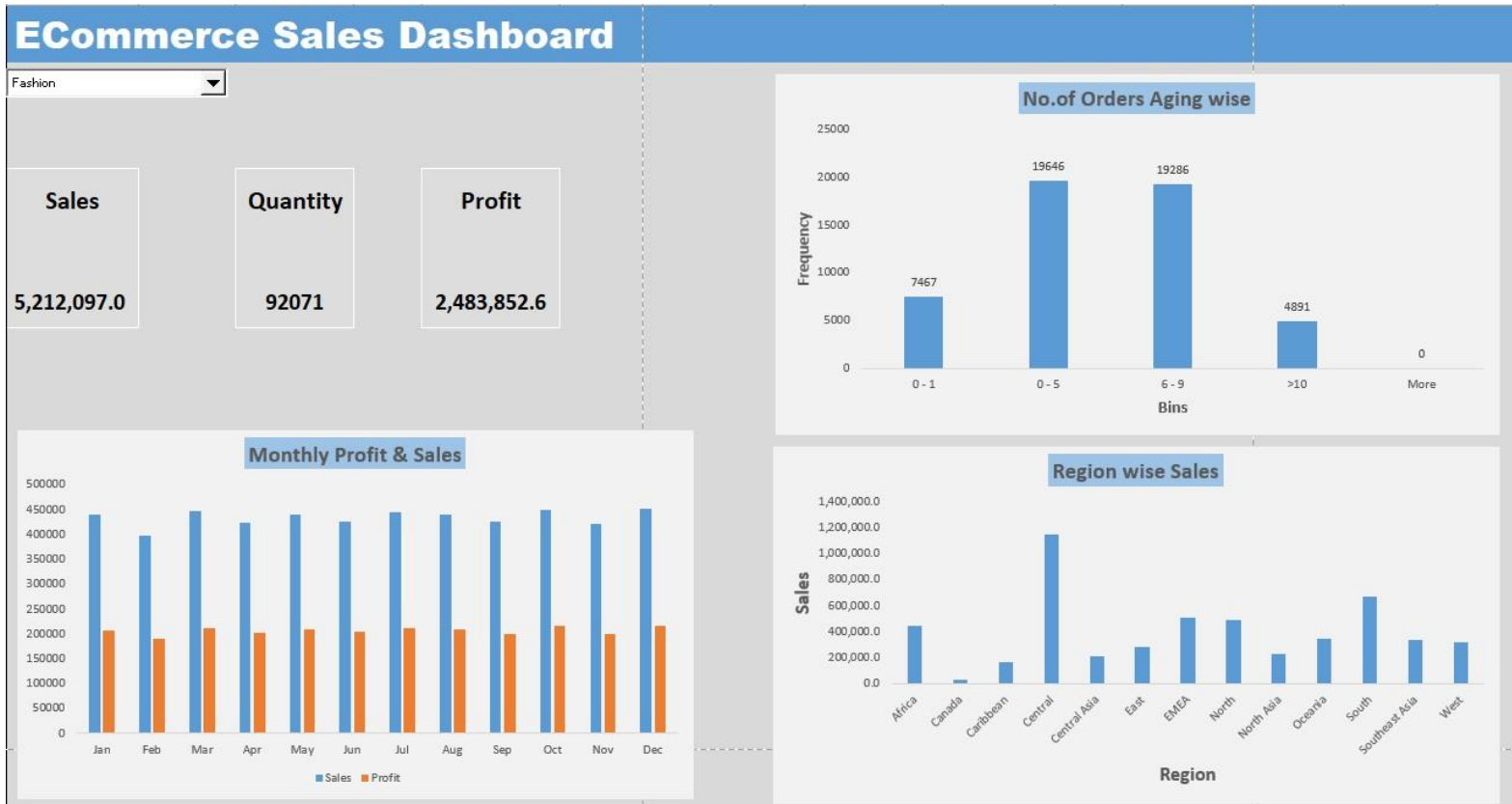
=OFFSET(Q2,E53,0)

- Create a dashboard.

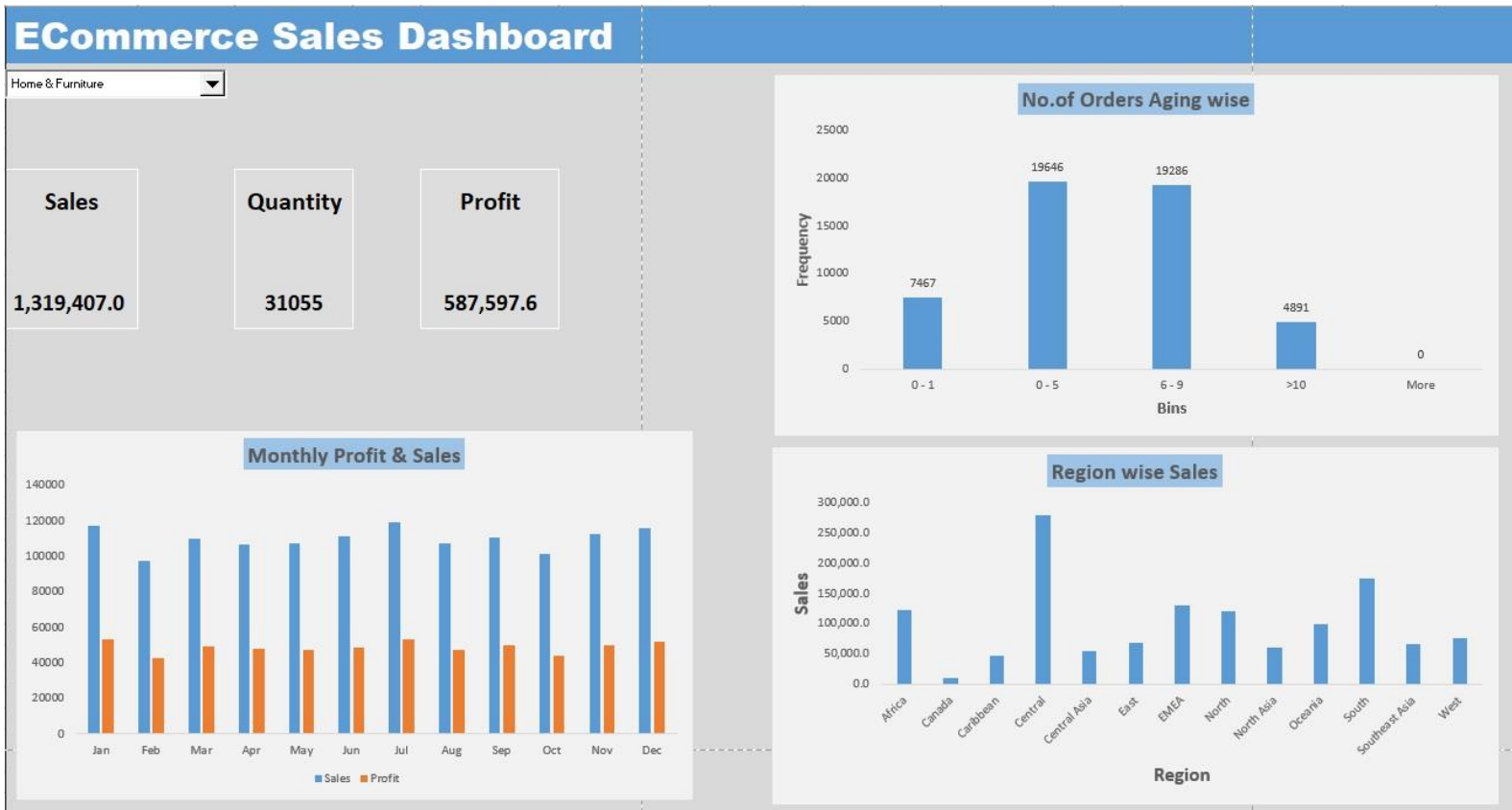
I have created the dashboard that replicates the sample output but with the appropriate data.

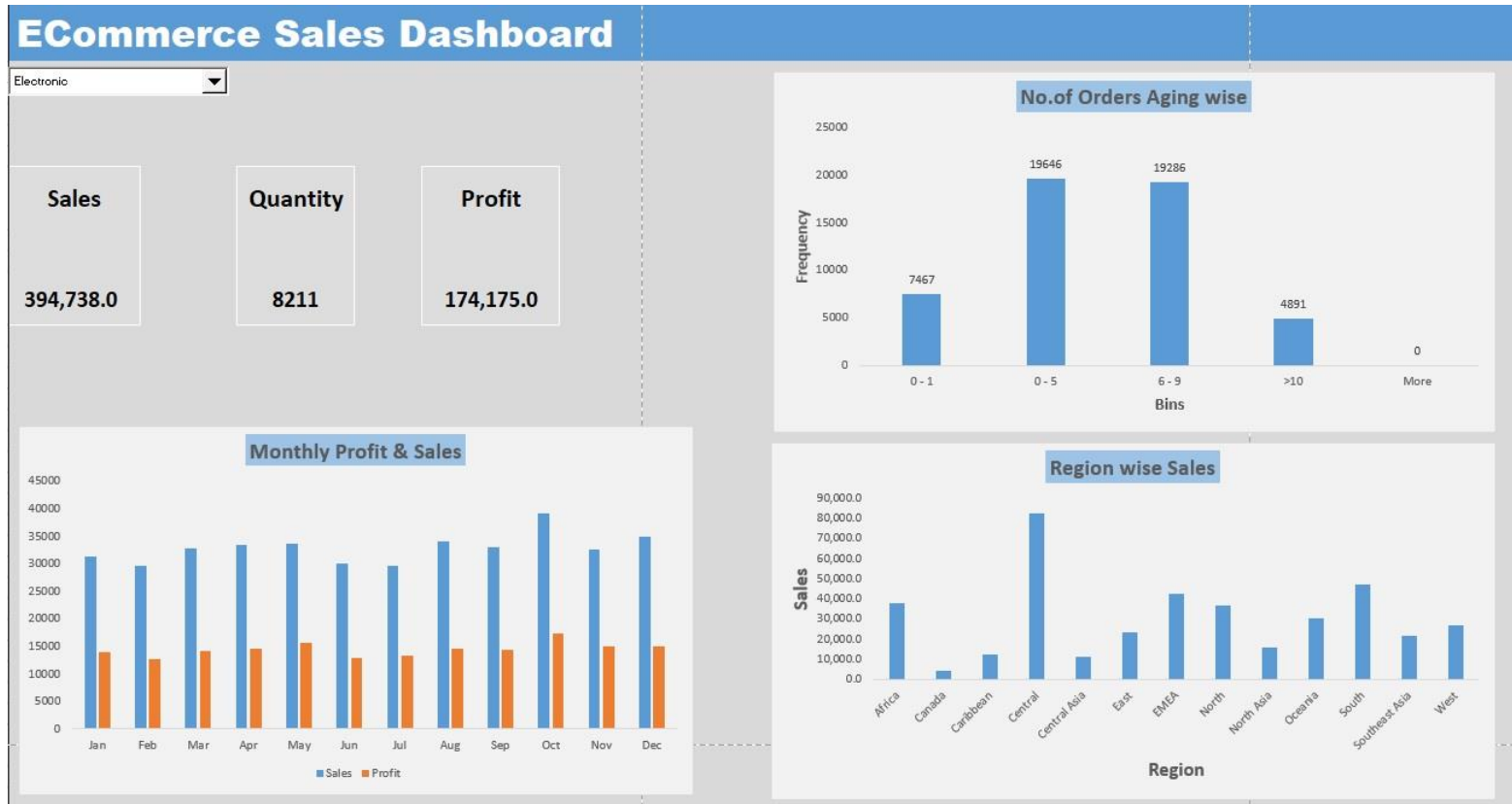
The screen shots are shared below.

**E-Commerce sales dashboard - Auto & Accessories**

**E-Commerce sales dashboard – Fashion**



**E-Commerce sales dashboard – Home & Furniture**

**E-Commerce sales dashboard - Electronic**

## Screen shots of my working sheet

