

28/02/25

## Experiment - 7

- ① Download the supreshore dataset - [github.com/lordsamdev/supreshoredata](https://github.com/lordsamdev/supreshoredata).
- ② In Ubuntu → open LibreOffice Calc.
- ③ In that go to file → open → supreshore data.
- ④ Right click on D → Insert Column Before.
- ⑤ Then type in 1st Row as 'formatted date'.
- ⑥ In the formula bar type  
 $=TEXT(C2, @ "d mmmmm yyyy")$  and enter.
- ⑦ Move cursor to the + symbol in right corner of box, double click on it; then it will fill.
- ⑧ Similarly do with ~~F~~ → Insert Column before  
type as year and give formula  $=RIGHT(D2, 4)$
- ⑨ Now right click on ~~E~~ goto Data → sort → select all selection.
- ⑩ Ctrl + T → go to data → pivot table → what ex Edit → next
- ⑪ In New fields put category  
In Date field put Sales
- ⑫ Now go to Insert → chart → pie → 3D look → next  
title → Sales by Category.



⑫ for Subcategory and Sales -  
again open pivot table.  
Subcategory in Row fields  
Sales in Value fields

⑭ Insert → chart → Bar chart → 3D bar → Title → Sales by Subcategory.

⑮ for Region, sales also.

## SUPERSTORE DATA ANALYSIS USING EXCEL

① Open Ubuntu and LibreOffice Calc (Excel).

② Go to file, open select the downloaded superstore dataset and load.

③ ~~Formatting data using Text function; Go to cell D and Right Click → Insert Column Before, new column will be created, name it as formatted dates.~~

④ Formula for Converting: - dd-mm-yyyy to date month year. :-  $=TEXT(C2, "d mmm yyyy")$

⑤ Upon the D cell. Right Click Insert Column after, new column will be created, name it as Year.

⑥ ~~Questions~~ For Sorting. Select the E column, go to Sort → select on expanded data. select. → ok.



## ⑧ Data Analyst -

- (i) Category of products with highest sales
- (ii) Which subcategory has the highest sales
- (iii) Which Region has the highest sales.

(i) → Select the data and goto pivot table →  
insert → ~~click ok~~ → select the current selection →  
take out pivot table layout

Within Row fields drag Category

Within Column fields drag Sales

→ Pivot table will be created in the new sheet

→ Click on the Pivot table → insert → chart →

select the appropriate chart → click on 3D bar  
and click on next

→ Give title and click on finish.

(ii) → select the data and goto pivot table →  
insert → select the current selection → pivot table

Within Row fields drag Subcategory

Within Column fields drag Sales

→ Pivot table will be created in the new sheet

→ Click on the first table → Insert → Chart → select the appropriate chart → click on 3D look and click on next.  
→ give title and click on finish.

(iii) → select the data and go to first table → insert → select the current selection → take out first table layout.

Without Row Fields drag Region

Without Date Fields drag Sales.

→ Pivot table will be created in the new sheet

→ Click on the Pivot table → Insert → chart → select the appropriate chart → click on 3D look and click on next.

→ give title and click on finish.

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