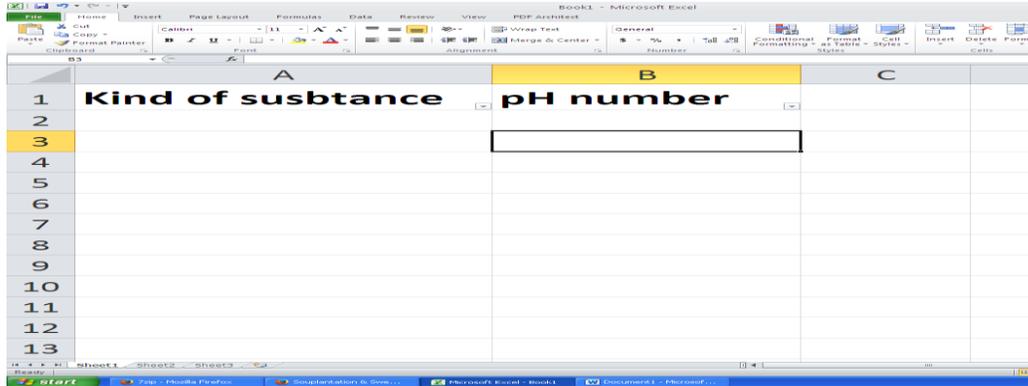
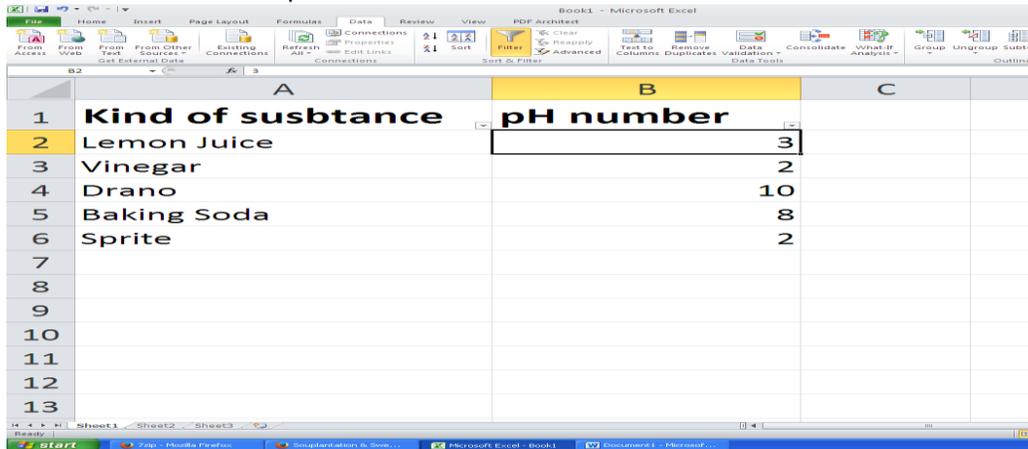


How to make a Graph in Excel

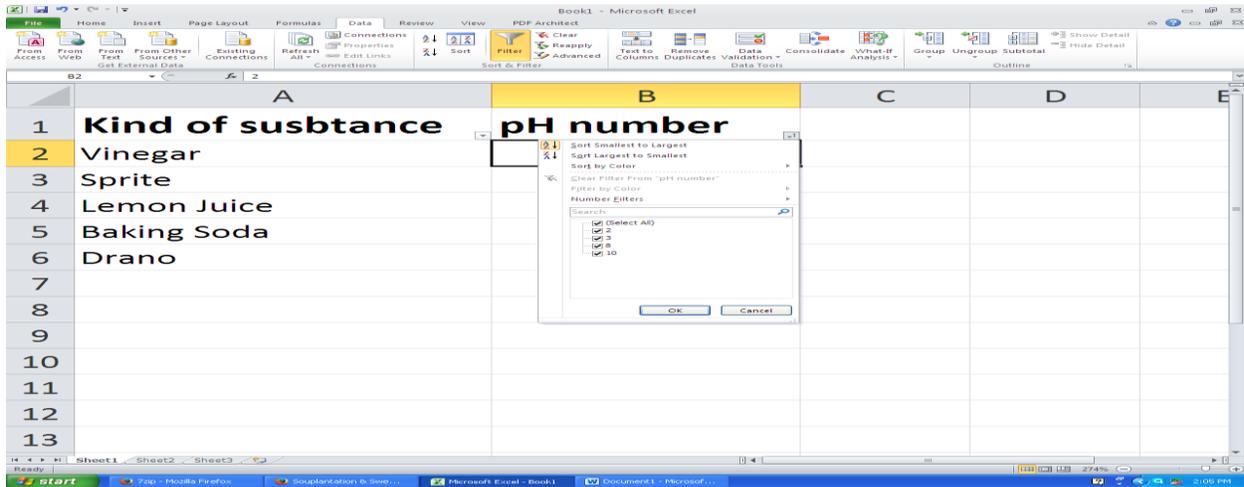
- (1) Pick the first Column on the Excel and Type the title of the X-Axis (Name of the Independent Variable).The second column title is the Y-Axis (Name of the Dependent Variable). Below is the an example we are going to use.



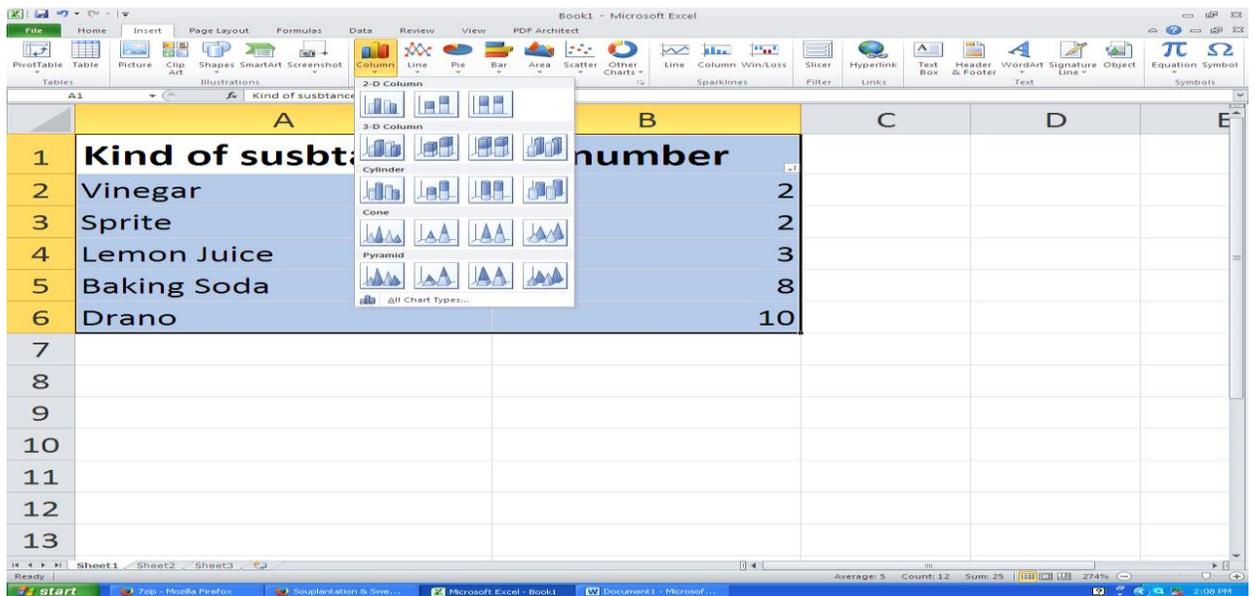
- (2) Fill data to the first and second Column from your data table. (For the Y-Axis i.e. DV, remember that you are filling the averages of your trials).
- (3) Click on Home on the top menu. Highlight just the titles (X and Y axis titles).
- (4) Click on DATA on the top menu and then click on **Filter**.



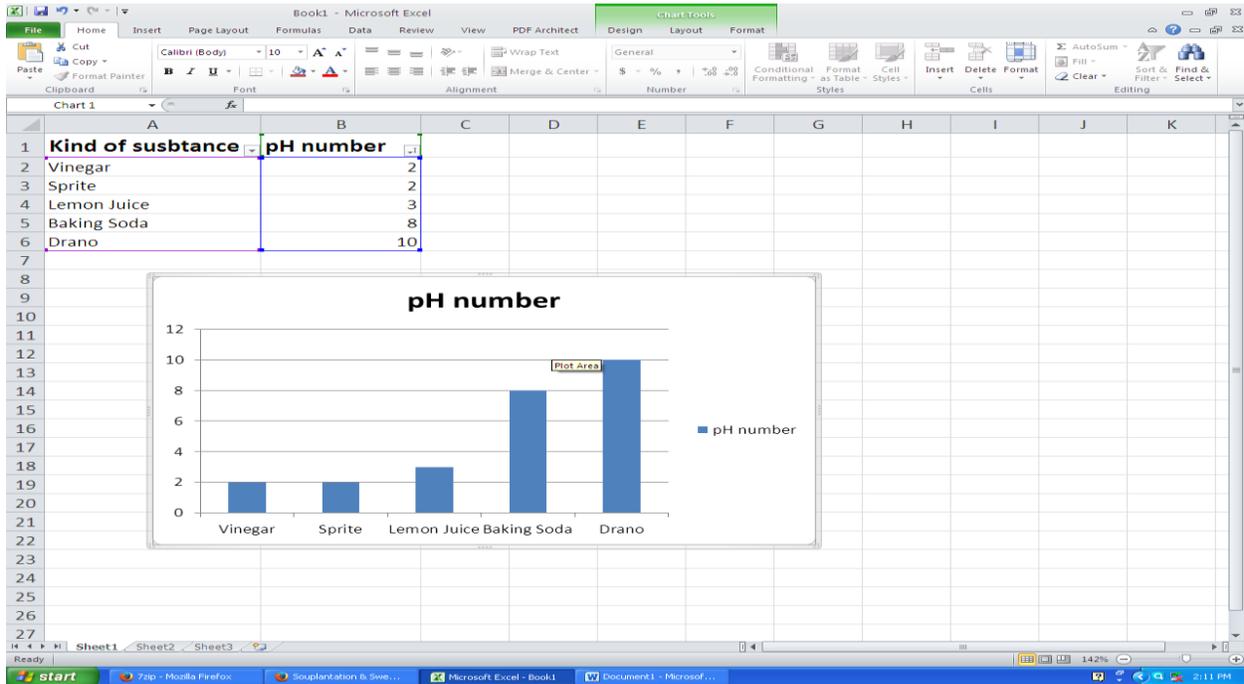
- (5) Click on the Title of the Y-Axis and Filter the data from smallest to largest. This will filter the data of the Dependent Variable or Y-Axis (in this case it is the pH number).



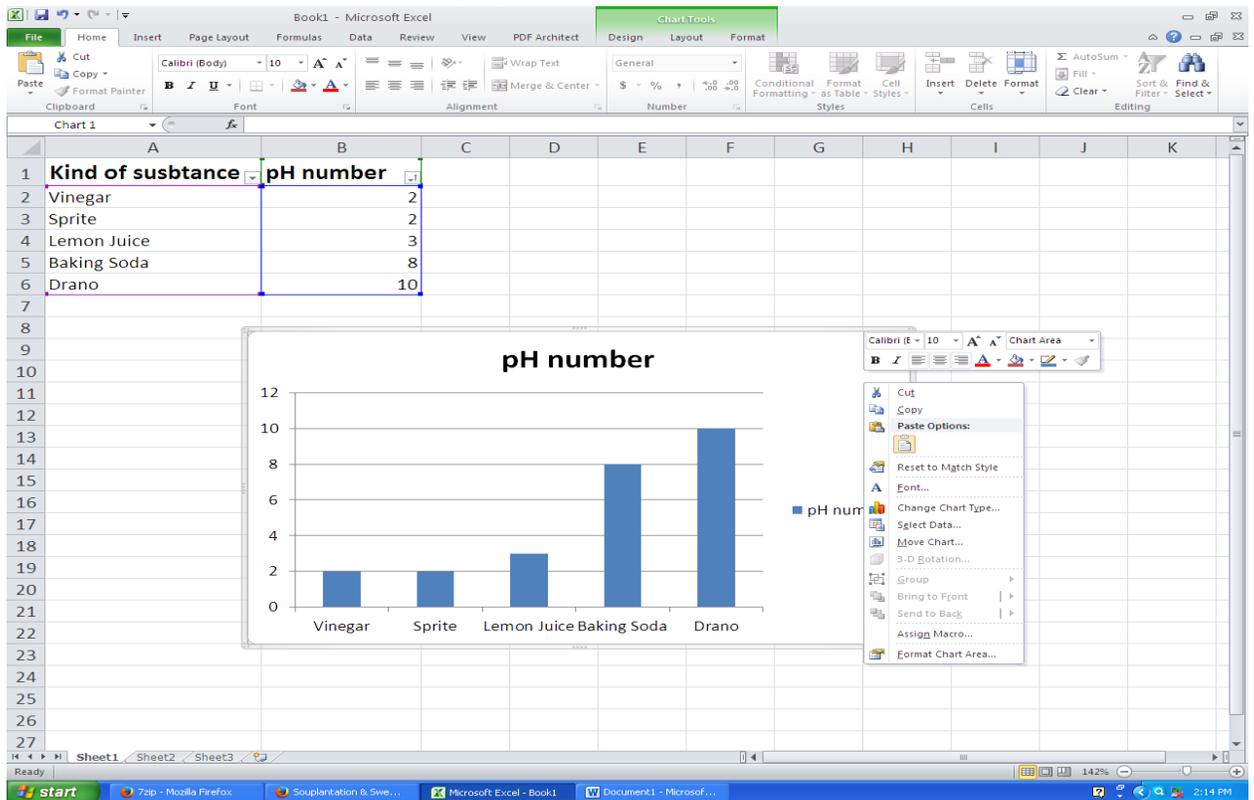
- (6) Highlight the data and the title and Click on **Insert** on the top menu. Pick the kind of graph you want to insert for the data. I have picked a Column Chart below.



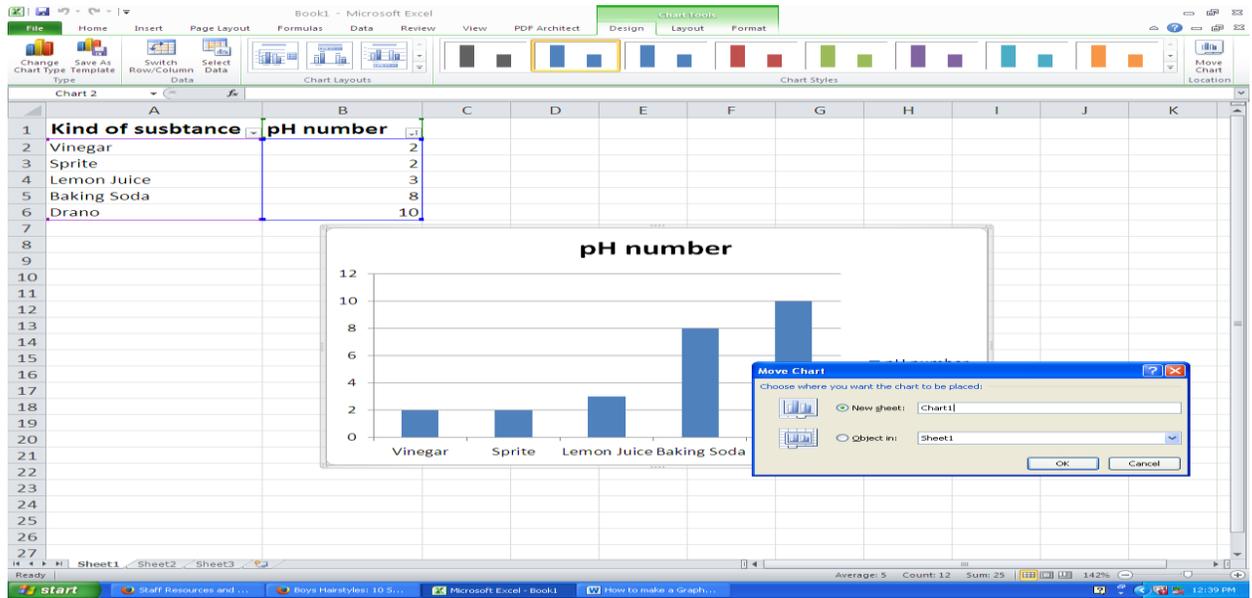
(7) The column chart gets inserted in the same excel sheet like below.



(8) Right Click mouse ON the inserted graph. Then press MOVE CHART.

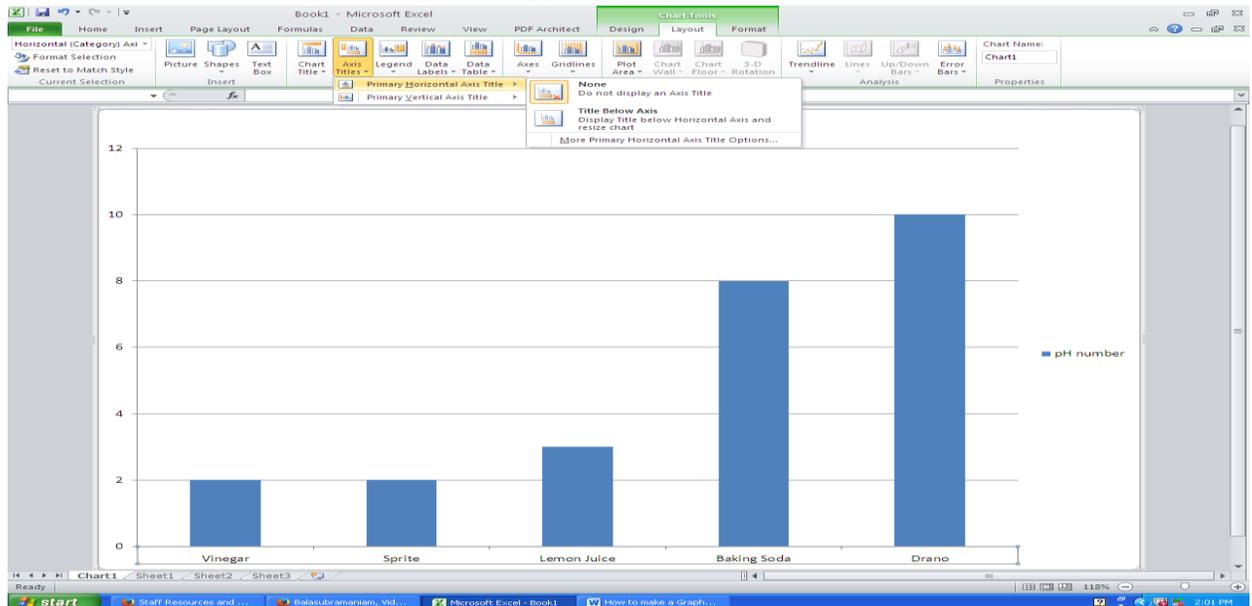


(9) After the option MOVE CHART, Pick the option NEW SHEET and call it Chart 1. It will create a new chart called Chart 1 at the bottom of the Excel Sheet. It has created a new full size chart for you to use.



(10) Then go to CHART 1 at the bottom of the EXCEL. To name the X and Y-Axis, go to CHART TOOLS (it is in a different color on the top of the Excel and click on LAYOUT.

(11) Then Click on AXES TITLES and pick PRIMARY HORIZONTAL AXIS TILES (X-Axis) and PRIMARY VERTICAL AXIS TITLE (Y-Axis) and name them accordingly.



(12) Make sure you save the EXCEL SHEET that you created in your folder. You have both your data table as well as your Graph on the same excel sheet.