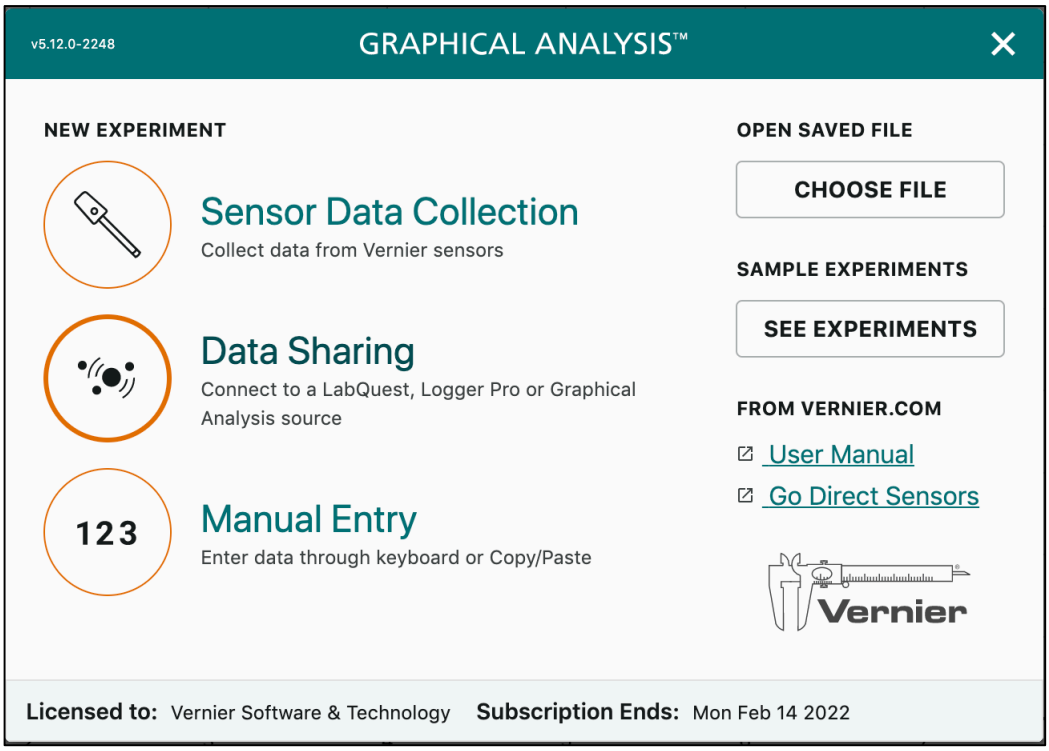
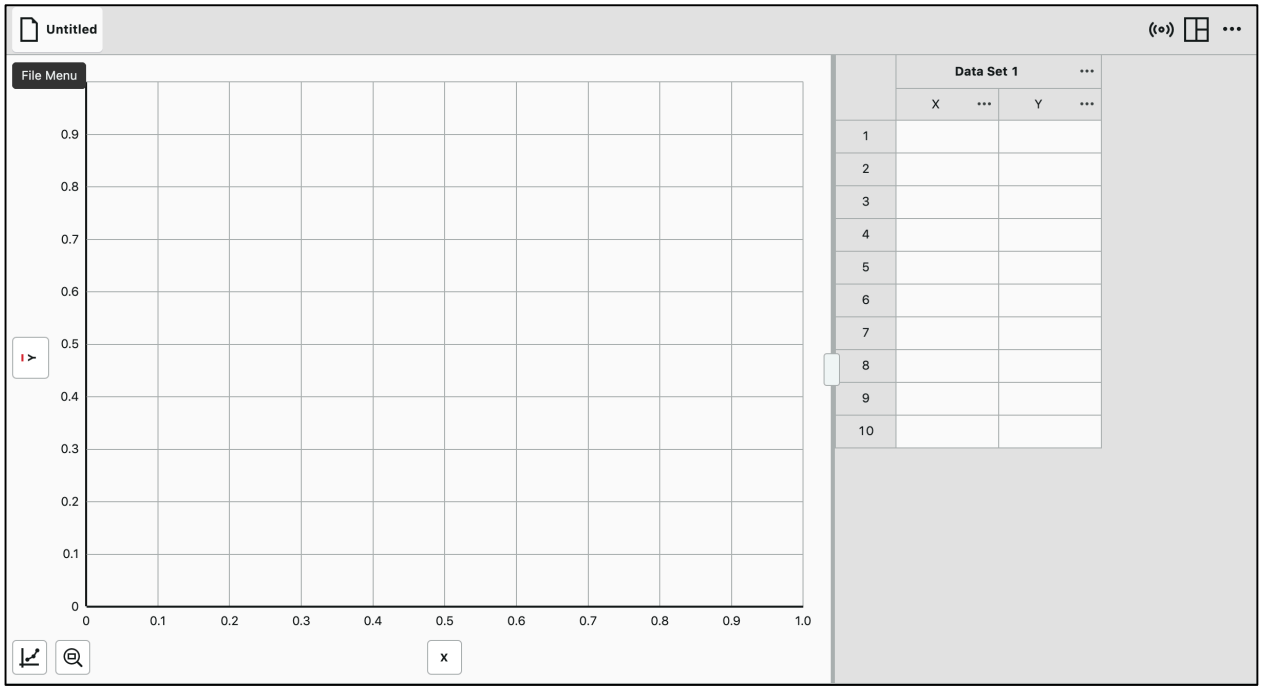
Manual Entry in Graphical Analysis



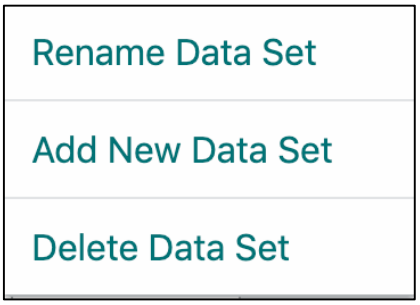
Launch *Graphical Analysis*. A screen like the one above should appear. Select Manual Entry and a screen like the one below should appear. Your screens may appear slightly different if you do not have the Pro version.



Suppose we had collected data from an experiment using a toy car similar to the table below.

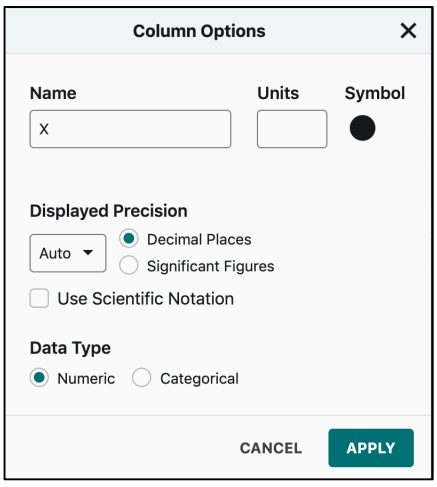
Distance	Time
0	0
1	5
2	10
3	15
4	20
5	25

In the data table, click on the 3 dots after the name **Data Set.** A window like this will appear which will allow you to name the data set whatever you choose.

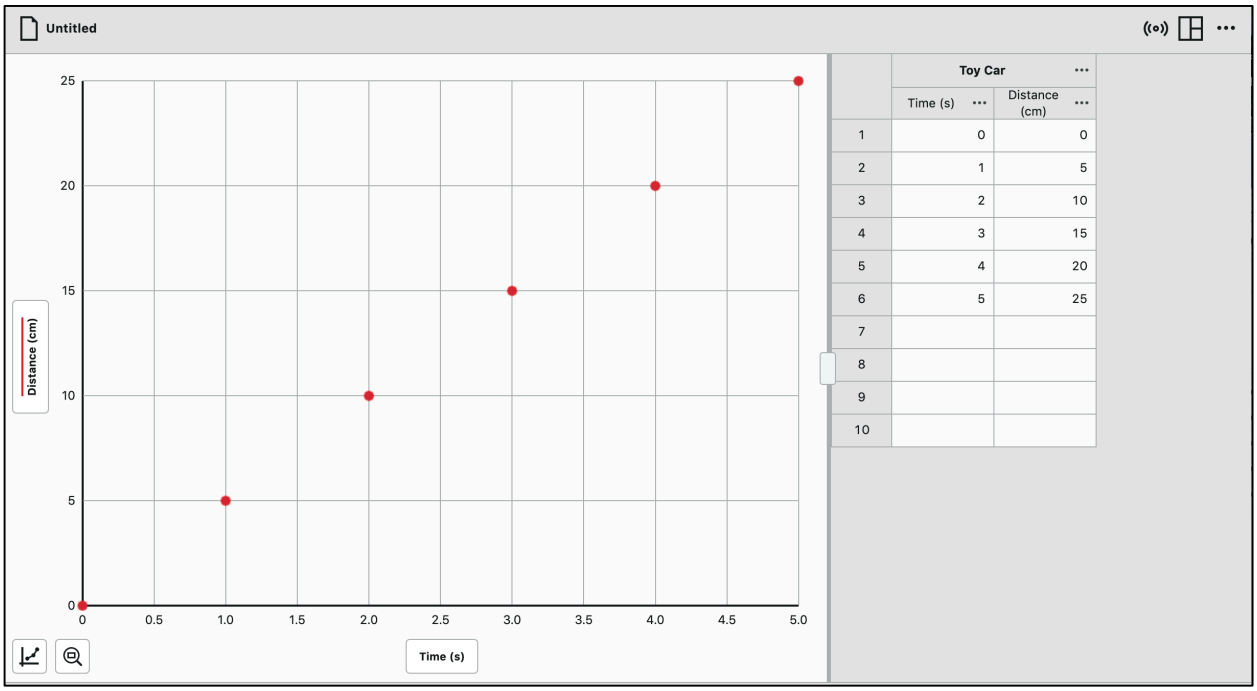


In the data table, click on the 3 dots after the X column. A window like this will appear. Select **Column Options**.

A window will appear which will allow you to name the X axis, assign units and a few other options.



Rename the data set, setup the names and units for the X and Y axes and type in your data. You should now have a window that looks something like the one below.



The icons around the corners all give different options. Try them out. Click on the little graph icon in the lower left. A window similar to the one to the right should appear. There are options to change the scaling of the graph (**Edit Graph Options**) and analyze your data such as curve fits. Play around with the options.