Microsoft Excel Tutorial for Graphing

Graphing of Data:
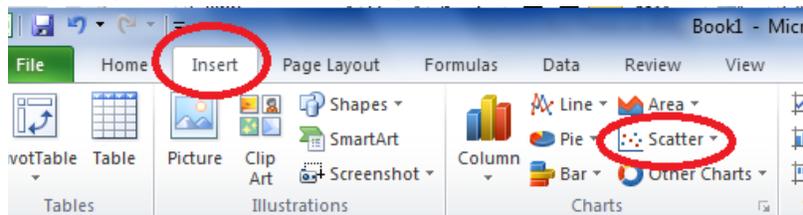
1) Type in your data into column A and column B:

	A	B
1	time	distance
2	0.1	
3	0.2	
4	0.3	
5	0.4	
6	0.5	
7		

2) Take your mouse and highlight (click – hold down – and cover all your data).

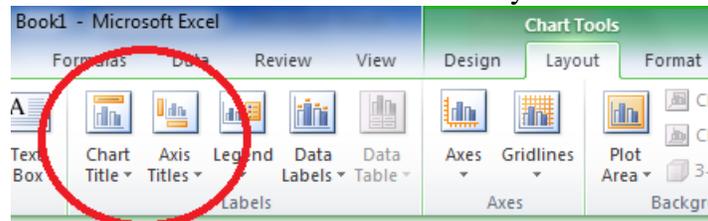|	A	B
1	time	distance
2	0.1	###
3	0.2	###
4	0.3	###
5	0.4	###
6	0.5	###

3) Click on the Tab titled Insert and then click on Scatter

4) Click on the Scatter Plot on the Top Left to get the Scatter Plot
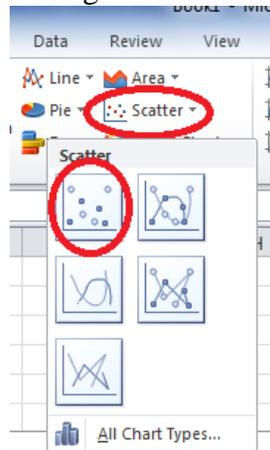
5) You can change the Chart Title and Axis Titles under the Layout Tab at the top

6) If the graph is proportional (linear), you can find the slope by clicking on the Design Tab at the top, clicking on the pull down menu under Chart Layouts, and selecting Layout 9 which has a f_x and a line on it. This will bring up a $y = mx + b$ equation and the number in front of your x is your slope of your data.

Example

$y = 5x + 10$
$R^2 = 1$