Activity 4

1) Read in the data stored in the file "activity_data.xlsx as a Pandas dataframe.
   Note: The file contains a blank line as well as a single datapoint with a very large value of y, which should be excluded.

2) Use Boolean arrays to remove the "NaN" associated with the blank link as well as any values of y which exceed a value of 100.0. (Don't just do it by hand).

3) Perform a linear least squares fit on the resulting data.

4) Plot the data points (as red dots, 'ro') along with your fitted line as a single plot with matplotlib, similar to the following: