

Figure out if a string is space separated words or single words with python , This is somewhat surprising. txt Figure out how to make it work with newlines, hyphens, etc. \$ cat myinput.txt | python -m json.tool Data series — a set of numbers that are believed to be related, such as a temperature record, a gold mine production, or the productivity of different crops. A data series might be plotted, and in that plot we can notice some interesting trends. In order to validate the data we may want to use something like the following Python But how do we plot a data series and what do we do with it? We can plot any type of data series just as easily as if we were reading from a CSV file. First we read the data >>> with open('data.csv') as csvfile: ... csvfile.read() ... ['7', '10', '14'] as you can see, this list contains the numbers of the data series. Then we create a matplotlib axes object >>> import matplotlib.pyplot as plt >>> axe = plt.gca() >>> axe.xaxis('ordinal') >>> axe.yaxis('log') >>> axe.ylim(0,20) >>> axe.set\_xlim(0,8) >>> axe.set\_xticks(list(range(8))) >>> axe.set\_xticklabels(['= 8']) >>> axe.set\_yticks(list(range(0,20))) >>> axe.set\_yticklabels(['0', '10%', '20%', '30%', '40%', '50%', '60%', '70%', '80%', '90%']) >>> from datetime import datetime >>> from matplotlib import font\_manager >>> font\_manager.manager.FcType = 'serif' >>> font\_manager.init() Now we have everything we need to plot the data, we just need to add a function which will generate lines and labels, we can call this

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