## Project

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Figure 1 shows the User Interface to generate plots.

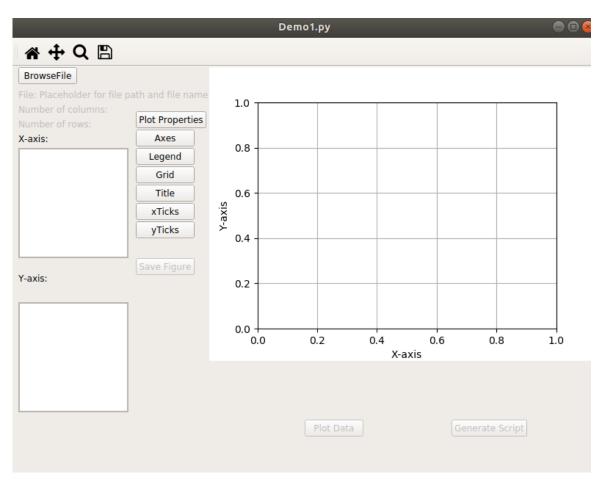


Figure 1: User Interface to plot data

Figure 2 shows plot generated using the user interface. Multiple plots can be plotted by ticking multiple items(columns in data file), in Y-axis listbox. Only single item can be selected from X-axis listbox. (default column name: x+ColumnNumber)

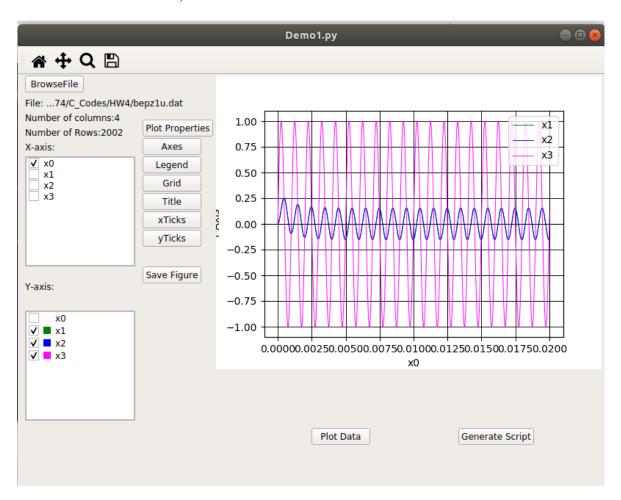


Figure 2: Plot generated using user interface

Figure 3 shows options to change plotted line properties - linestyle, drawstyle, linewidth, linecolor and marker properties - marker, markersize, edgecolor, facecolor.

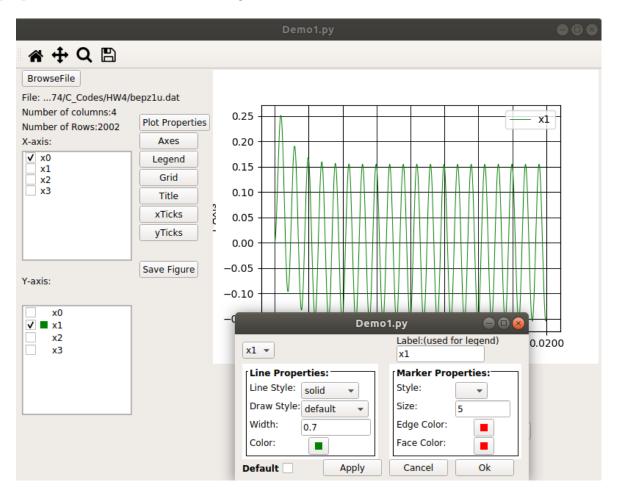


Figure 3: Popup window to change line, marker properties

Figure 4 shows options to change axes properties - scale, label, limits.

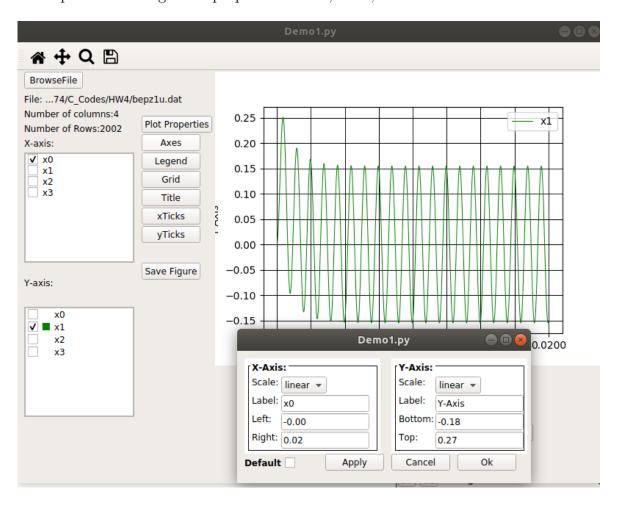


Figure 4: Popup window to change axes properties

Figure 5 shows options to change legend properties - location, font size, title, etc.

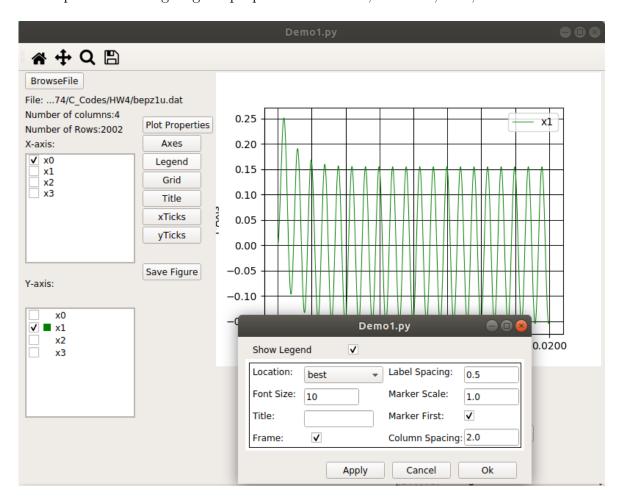


Figure 5: Popup window to change legend properties

Figure 6 shows options to change grid properties - liinestyle, color, etc.

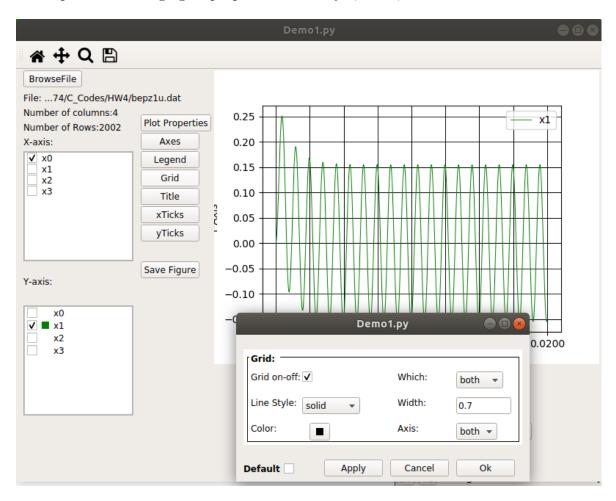


Figure 6: Popup window to change grid properties

Figure 7 shows options to change title properties.

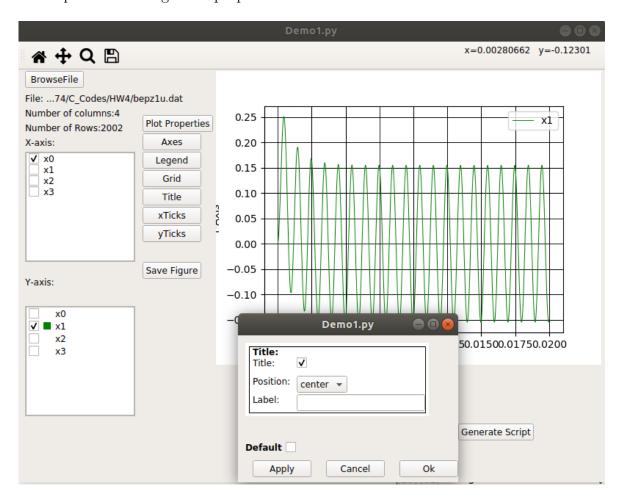


Figure 7: Popup window to change title properties

Figure 8 shows options to xticks.

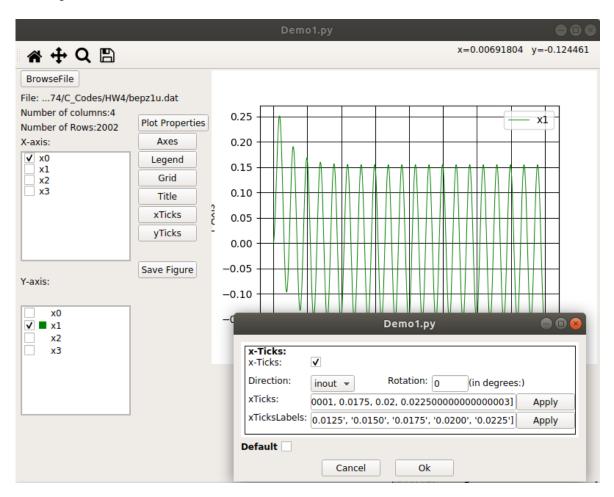


Figure 8: Popup window to change title properties

Figure 9 shows options to yticks.

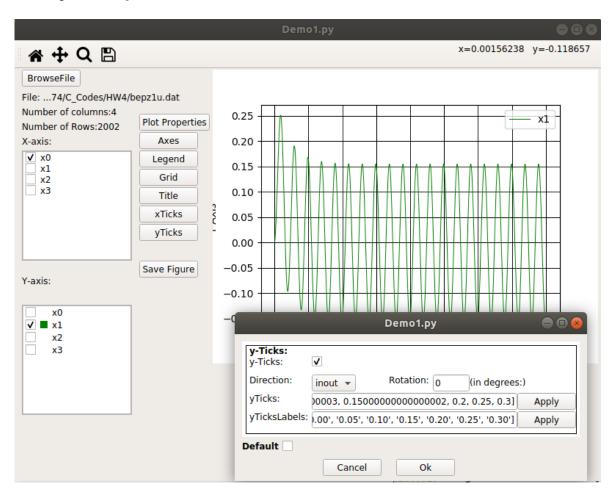


Figure 9: Popup window to change title properties

Figure 10 shows generated python script to generate same plot.

Figure 10: Popup window for generate python script