**Python Scripts for Common Graphs**

* Line graphs
  + Standard:
    - figsize
    - linewidth, linecolor, linetype
    - xlabel, xtick, ylabel, ytick, fontsize
    - xlim, ylim
    - title, fontsize, fontstyle
    - grid
    - background color
    - highlight points
    - Add line
    - Add dot
    - Add a shape: circle, rectangular
    - Add line segment
    - Add text
  + Task-specific:
    - Time trend:
      * by week, by month, by year
      * by date: but display partially
    - Density curve
    - Regression curve
* Bar graphs
  + Standard:
    - figsize
    - barwidth, barcolor
    - xlabel, xtick, ylabel, ytick, fontsize
    - xlim, ylim
    - title, fontsize, fontstyle
    - grid
    - background color
    - Add line
    - Add dot
    - Add text
  + Task-specific:
    - Histogram:
      * Display tick right in the center
      * Display month in order
      * Change color of one/some bars
    - Horizontal bar
* Dot graphs
  + Standard:
    - figsize
    - dottype, dotsize, dotcolor
    - xlabel, xtick, ylabel, ytick, fontsize
    - xlim, ylim
    - title, fontsize, fontstyle
    - grid
    - background color
    - Add line
    - Add dot
    - Add text
  + Task-specific:
    - Scattor plot wrt. Additional category:
      * Change dot type according to some category
      * Change dot color according to some category
    - Bubble plot
* Area graphs
  + Standard:
    - figsize
    - areacolor, areaborder
    - xlabel, xtick, ylabel, ytick, fontsize
    - xlim, ylim
    - title, fontsize, fontstyle
    - grid
    - background color
    - Add line
    - Add dot
    - Add text
  + Task-specific:
    - Stacked area plot
    - Baseline plot
* Specific graphs
  + Boxplot (Candle stick)
  + Violin plot
  + Facecid (https://seaborn.pydata.org/examples/kde\_ridgeplot.html)
  + Spider
  + Heatmap
  + Table with heatmap
* Combo graphs
  + Line + Line
    - Same y-axis
    - Two y-axis
  + Bar + Bar
    - Side-by-side
    - Stacked
    - Overlap (opacity)
  + Line + Bar
    - Same y-axis
    - Two y-axis
  + Side by side
    - Subplots