The popular R data analysis language has a great gallery of graphics, most of which are "publication quality" in that they tell a story...
The matplotlib gallery shows off beautiful graphics, but it has become a hodgepodge of "graphical element" examples mixed in with publication-quality ones....
Graphics like these show off matplotlib functionality but are supposed to be "quick hits", not full-featured examples...
Examples like these are "publication-quality" in that they
- Are visually dense with information
- Tell a story (axes labels, titles/subtitles, sensible tick labels, legends, etc)
- Give someone new to matplotlib a complete example to work from

Both basic and complete examples are needed, but we should separate them out for
easier navigation and education for new users...
Goal: Create second matplotlib gallery
Separate out the basic, "graphical element" examples in the current gallery and make that into a "building-blocks" gallery

Gather current full-featured examples for a second, "publication quality" gallery
  - Highlight the cool stuff you can do in Python and how beautiful it looks in matplotlib
  - Provide more one-stop examples for new users to quickly see how to create the graphics they need

Call to Action: Get more publication quality graphics from the community (you)
  1. Find one great graphic you've made
  2. Make it a stand-alone example
     - Mock up or hard code data
     - Add comments
  3. Contact me, I'll try and figure out how to organize
     josh.hemmann@roguewave.com