bqplot

Interactive Visualization in the Jupyter notebook

Dhruv Madeka

Senior Machine Learning Scientist, Amazon

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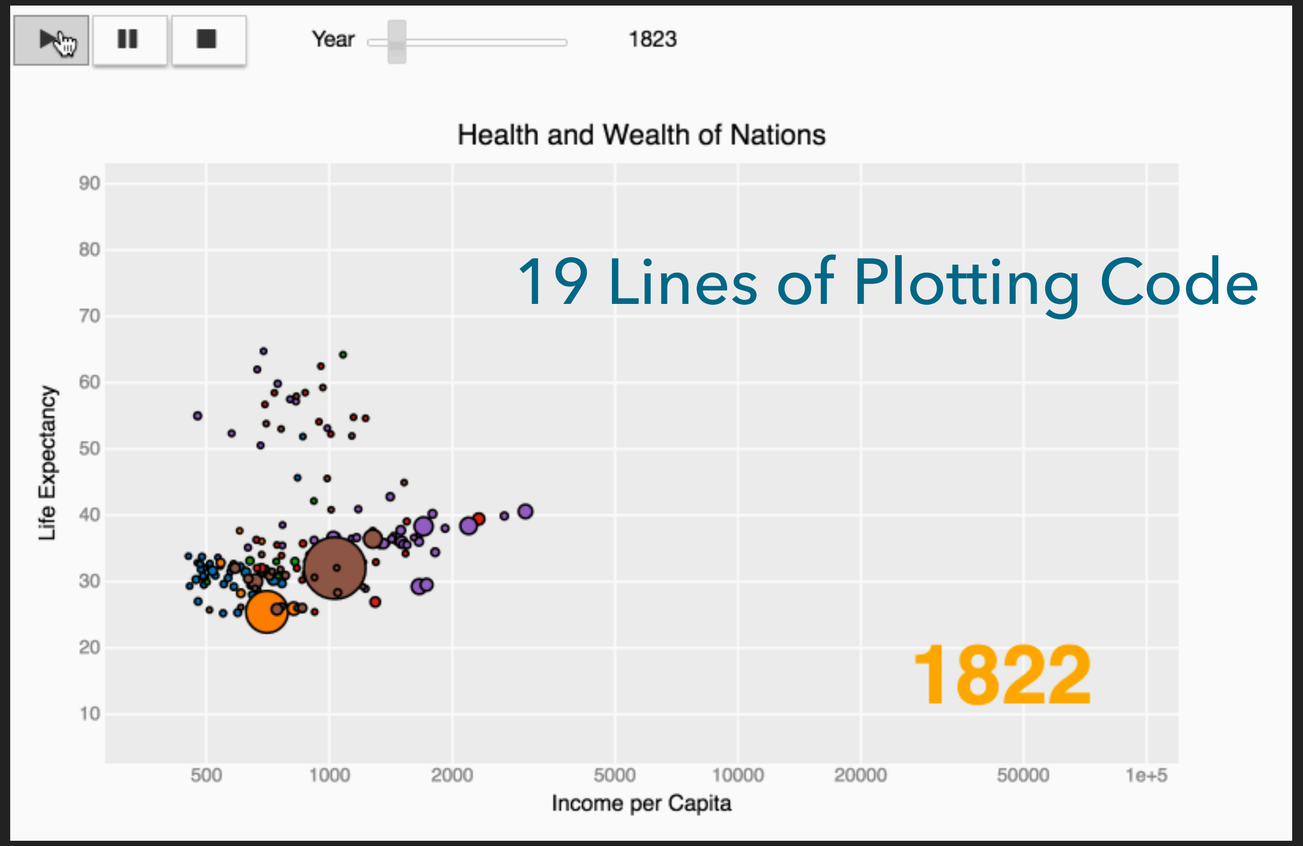
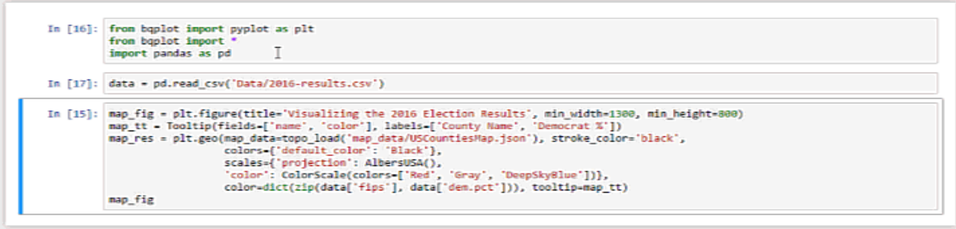
https://github.com/dmadeka/PyDataSeattle2017

bqplot

- bqplot is an interactive plotting library for the Jupyter Notebook
- Apache License, available on GitHub
- Another plotting library? Geez, aren't there like 100 already?
  - matplotlib
  - ggplot
  - seaborn
  - Altair
  - Bokeh
- So why learn bqplot?





8 Lines of Plotting Code

Why bqplot?

- The notebook (and JupyterLab) both give us the ability to have web application type interactivity with minimal trouble
  - Every element of the chart is an interactive widget - which can be bound to an arbitrary call back function
- Exposes the full power of d3 through a declarative and imperative syntax
- The ipywidgets ecosystem is growing (fast!) - a unified framework allows for easy interoperability (ipyvolume, pythreejs, ipyleaflet)

BQPLOT TEAM

Sylvain Corlay

QuantStack

Srinivas Sunkara

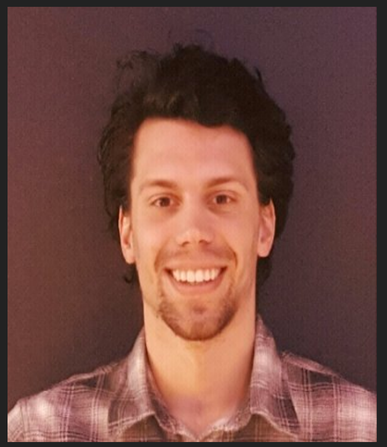
Bloomberg

Dhruv Madeka

Amazon

Chakri Cherukuri

Bloomberg



Romain Menegaux

Bloomberg

Join us!

www.github.com/bloomberg/bqplot