

Matplotlib for Data Visualization and Python: Getting Started

VISUALIZATION WITH PYTHON AND DATA SCIENCE



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The world is drowning in
data



And it's all worthless



[57, 61, 72, 76, 82, 27, 73, 40, 29, 43, 44, 62]
[82, 69, 43, 66, 76, 74, 31, 89, 77, 45, 80, 40]
[45, 39, 28, 38, 89, 20, 50, 35, 68, 81, 40, 39]
[24, 50, 54, 61, 56, 48, 36, 54, 60, 42, 82, 88]



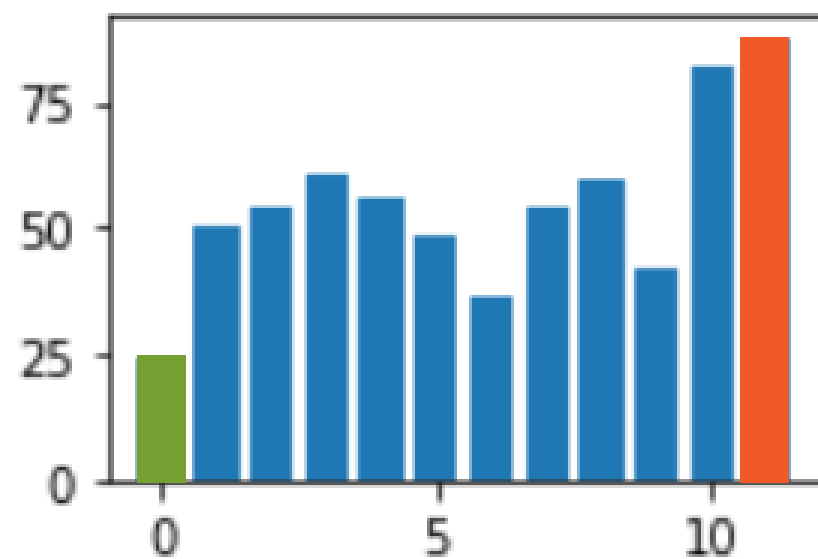
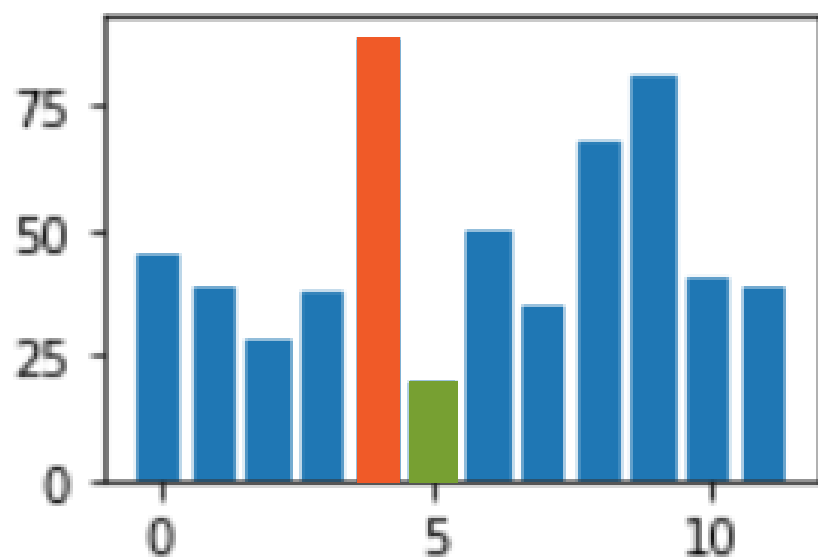
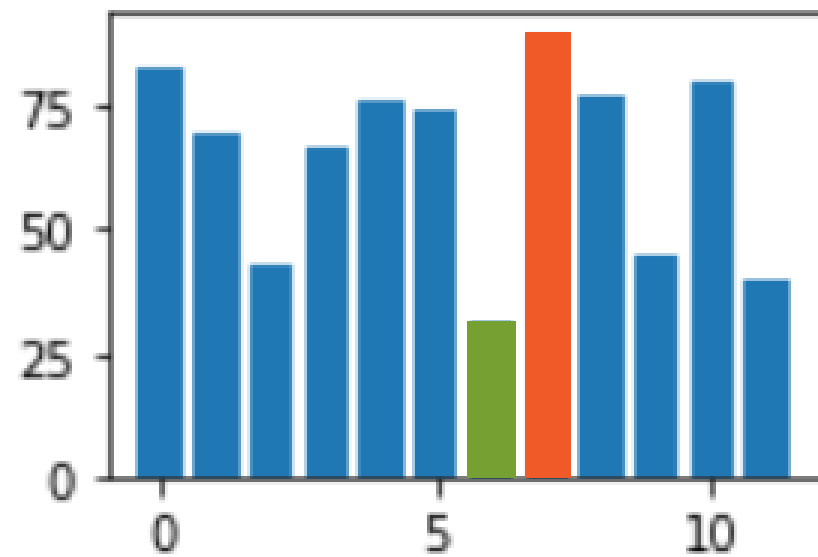
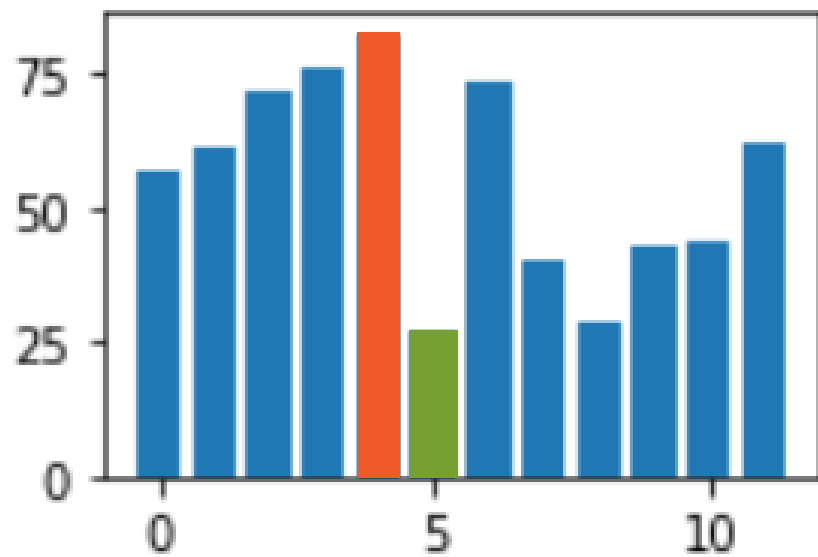


Times up!



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[82, 69, 43, 66, 76, 74, 31, 89, 77, 45, 80, 40]
[45, 39, 28, 38, 89, 20, 50, 35, 68, 81, 40, 39]
[24, 50, 54, 61, 56, 48, 36, 54, 60, 42, 82, 88]







Assumed Knowledge



Python

- I'll be using Python 3.7
- Python 3.x is safe
- Python 2.x will probably work with some modifications

Other PyData packages

- Numpy
- Pandas

Jupyter Notebook

Anaconda

Anaconda is not required

Matplotlib depends on
Python, any Python

