

NumPy, Pandas, and Python Visualization Exercises

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NOTE: The following exercises are from the Brigham Young University Applied Mathematics and Computational Emphasis (ACME) Python labs [Humpherys and Jarvis \(2017\)](#). These are exercises to help extend and reinforce what we learned in the WebEx sessions and in the tutorials posted to the GitHub repo. Please work these at your own pace, with a group (if you wish), and don't hesitate to ask if you have questions.

Exercises:

1. [ACME Intro to NumPy](#): Problems 3, 4, 5, 6
2. [ACME Pandas Lab 1](#): Problems 1, 3, 4
3. [ACME Pandas Lab 3](#): Problem 1
4. [ACME Intro to Matplotlib Lab](#): Problem 2
5. [ACME Data Visualization Lab](#): Problem 6. You will need to use the `countries.npy` data, which are saved in this training repository [here](#).

References

Humpherys, Jeffrey and Tyler Jarvis, *Computational Labs for Foundations of Applied Mathematics, Volumes I and II* 2017.