Python Boot Camp

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Application

We use Google's Colab: https://colab.research.google.com/

Colab is a hosted Jupyter Notebook service that requires no setup to use and provides free access to computing resources, including GPUs and TPUs. Colab is especially well suited to machine learning, data science, and education with Python. Make sure you sign up an account before coming to the boot camp.

Textbook

Charles R. Severance. *Python for Everybody: Exploring Data in Python 3*.
Free access: https://www.py4e.com/book

Scope

The boot camp covers the following chapters. You are strongly recommended to read them throughout the boot camp sessions.

- ➢ Chapter 2. Variables, expressions, and statements
- ➢ Chapter 3. Conditional execution
- ➢ Chapter 4. Functions
- ➢ Chapter 5. Iteration
- ➢ Chapter 6. Strings
- ➢ Chapter 7. Files
- ➢ Chapter 8. Lists
- ➢ Chapter 9. Dictionaries
- ➢ Chapter 10. Tuples
- ➢ Chapter 14. Object Oriented Programming