<u>**List of Python Resources**</u>

Lab 0 offers a brief introduction to Python and guide to most of the following sources

Introduction to Python

- Python Fundamentals: https://swcarpentry.github.io/python-novice-inflammation/01-intro.html
- Python Basics https://www.pythoncheatsheet.org/cheatsheet/basics

Python tutorials

- https://docs.python.org/3/tutorial/
- https://www.kaggle.com/learn/python
- https://www.tutorialspoint.com/python/index.htm
- https://www.geeksforgeeks.org/
    - Example: Type "how to write a function in python geeksforgeeks" in your browser
- https://realpython.com/
    - Example: Type "how to write a function in python realpython" in your browser
- Programming for Everybody (Getting Started with Python): A free coursera source.

Generative AI, e.g. ChatGPT ir :

- **Questioning**: Don't hesitate to ask ChatGPT about Machine Learning concepts, Python syntax, and coding strategies. This can be a quick way to clarify doubts and strengthen your understanding.

- **Coding Assistance**: ChatGPT can assist in writing Python code. While this is incredibly useful, it's imperative that you thoroughly understand the code generated. This ensures you can modify and adapt it to suit your assignment requirements effectively.

- **Code Debugging**: Present coding issues you're facing and ask for explanations on how to resolve them. This can offer insights into debugging strategies and best practices in coding.

- **Data Analysis Tasks**: Engage ChatGPT for exploratory data analysis (EDA) tasks. However, the responsibility is on you to critically explore the problem space. Deciding what findings to report and determining how best to communicate these findings and their implications are crucial skills that you need to develop.

Further learning:

- https://medium.com/
    - This site has many articles written for the non-technical audience. Going to this site and typing what you specifically want to find in the text box gives you a range of articles. However, there may be an article limit for free users.