

Introduction to Python

Data Science Training Session

March 1, 10-12pm

CLSB 11081

James Lindsay, Manager, Software Engineer

Python is a high-level programming language that is widely used for a variety of tasks, from web development and scientific computing to artificial intelligence and machine learning. It is known for its simplicity, readability, and large community of users and developers who contribute to its many open-source libraries and tools.

This tutorial will provide an introduction to Python aimed at people with some exposure to other programming languages but with interest in learning a bit more about Python. The goal of our session will be to write a program to load tabular data from a CSV file, and create a plot from the data. Along the way we will touch on important topics such as package management and how to find answers to your questions [with and without chatGPT].

It would be best if all participants have confirmed their computers have Python version 3.6 (or greater) installed, if you do not have Python installed yet please check out the tutorial at the link below beforehand.

<https://docs.conda.io/projects/conda/en/stable/user-guide/install/index.html>