

# SCC SEMINAR SERIES ON DATA ANALYSIS

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Friday, March 6, 2020, 10:00am-11:00am  
Room 102, Caldwell Hall

## Introduction to Python

The popularity of Python has increased dramatically during the last several years. One of the main reasons behind its popularity is Python can be used not only for doing research and prototyping, but also for building the production systems. In other words, Python is a general-purpose programming language and it can be used to build just about anything. I believe that is why more and more companies will go down this path as there are often significant organizational benefits to having both scientists and technologists using the same set of programmatic tools.

This talk is intended for people who want to start learning Python as an absolute beginner. During this talk, I will introduce you to Jupyter Notebooks, NumPy Basics, and pandas. By the end of this talk, I would expect you to be able to write your own Python scripts and perform basic data analysis using Jupyter-based lab environment.