

Enroll in CIS 2267

Advanced Python for Data Analytics

You Want More Python – Here it is!

Do you want to add to your Python Knowledge and Abilities?

“CIS 2267 Advanced Python for Data Analytics” is a new course developed under the National Science Foundation (NSF) Data Analytics Pipeline Grant.

This course is being piloted this Spring 2023 from 6:00 – 8:40 on Wednesday in Centerville.

CIS 2267 Advanced Python for Data Analytics

Students will learn how to obtain, cleanse, and prepare data, use supervised and unsupervised methods to predict and categorize data, and present their findings.

Prerequisites: CIS 2266

Course Outcomes

- Use internet searching tools to find data, evaluate its quality and authority, consider legal and ethical uses of the data, and properly cite data sources.
- Download or otherwise capture data sources and clean and prepare the data using Python tools.
- Use Python tools to analyze data, identify trends and outliers, create visualizations, and draw inferences about the analysis results.
- Use Python tools to perform regression analysis to identify trends and make predictions.
- Identify, select, and use Python libraries to accomplish data analysis tasks.

Wednesdays, 6:00 – 8:40 p.m.

2023 Spring Semester at the Centerville Campus

5800 Clio Road. Centerville, Ohio 45459

Computer Science and Information Technology

Questions? Contact Paul Hansford
paul.hansford@sinclair.edu

**MAKE YOUR
BREAKTHROUGH**

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Course fee: \$22.50

