ARKANSAS CODING ACADEMY

Python for Automation & Scripting

Master Automation with Python | 8-Week Intensive Program | Live Online | Beginner-Friendly

PROGRAM OVERVIEW

Transform your workflow and build technical confidence. Python for Automation & Scripting is an 8-week program designed for beginners and aspiring tech learners who want to automate tasks and build practical digital solutions. From data processing to API integration, students gain hands-on experience creating real-world automation tools and portfolio-ready projects.

WHAT YOU WILL LEARN

- **The Foundations**: Master variables, logic, & functions using industry-standard tools like PyCharm.
- **Data Power**: Use Pandas to clean, organize, & analyze complex CSV data automatically.
- **Live Integration**: Connect to live data sources using APIs & work with JSON.
- **The Portfolio**: Learn GitHub to host your code & complete a final project solving a real business
- problem.

THE ROADMAP

- **Week 1-2**: Foundations, Functions, & Logic
- **Week 3-4**: Iteration, Strings, & List Processing
- **Week 5-6**: Data Science Basics (Pandas) & File Handling (CSV/TXT)
- **Week 7**: Working with Web APIs & Live Data
- **Week 8**: Final project

LOGISTICS AT A GLANCE

- **Schedule**: Tuesdays & Thursdays | 6:00 PM – 9:00 PM
- **Format**: Live Online via Zoom
- **Requirements**: A computer (Mac/PC/Linux) & a passion for problem-solving.
    - *Two monitors recommended!*
- **Support**: Access to a Student Experience Coordinator & 1-on-1 support.

WHY CHOOSE THIS PROGRAM?

All-Inclusive: No hidden textbook or software fees—tuition covers everything.
Hands-On Learning: Create a final project that solves a real business problem.

Register Now ▪ **Schedule a Discovery Call** ▪ **Visit our website at arkansascodingacademy.com**