

Python & Spreadsheets

State of the Union

July 2017

- Now: QA Specialist for Decisio Health
- Then: Accountant w/ an MBA
- https://github.com/kojoidrissa/pyohio_2017

Outline

- How I got here
- Demo fundamental OpenPyXL data types
- Demo basic Python spreadsheet tasks
- Problems using spreadsheets via code

My Secret Origin!!

- I used to be a pro spreadsheet fighter
- Always wanted to code, had no need
- Got serious in late 2012, “went pro” Dec 2015

My Role In Python

- Grow the community & bring non-programmers into the fold
- Solutions for people who aren't professional developers
- Solutions obvious to experienced developers often aren't available to non-developers

Who's This For?

- Spreadsheet users who want to "step their game up"
- Python developers confronted with spreadsheets

Code

- Not a lot of advanced code here
- Goal: beginner-friendly
- Interesting code provided by *your* specific use case

DEMO TIME!!

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Why You'll Hate Spreadsheets

- Spreadsheets as visual medium
- Unstructured input data
- “Visual” output requirements

Make New Friends

- Help co-workers automate, make a new Pythonista
- Would they “standardize” for a 99% time reduction?
- Use cell style attributes to read and create ‘visual’ spreadsheets

Questions/Comments?

- @Transition on Twitter
- kojoidrissa.com
- [https://github.com/
kojoidrissa/pyohio_2017](https://github.com/kojoidrissa/pyohio_2017)