



# Python in the Industry

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bagool#4407

# Let's talk money

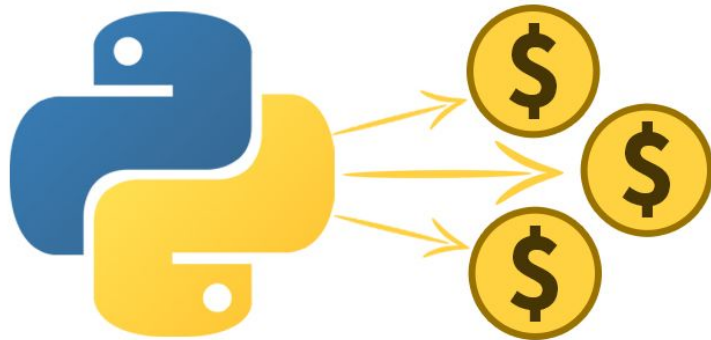
Web automation

Data science

Web development

System administration

etc.



# Outcomes

How to:

- not spill the dependebans (dependencies)
- borrow somebody else's code
- tame the snake

Use case:

'Adj the jumbled' - a discord bot that translates your messages to a random language using Bing translate (I know, sorry)

# Virtual environments - caging the snake

## PipEnv

- Separates dev & prod dependencies
- Simplifies workflow

## Venv

- Straightforward (“it just works” - Todd Howard)

## Conda

- Great for data science
- Easy to manage multiple versions of Python

# Dress to impressss

Environment variables

Type hints

Pep8

Exception handling

Logging



<https://www.deviantart.com/fi-fi-thedestroyer/art/Snake-in-a-Suit-618651580>

# Further reading

Web automation:

<https://realpython.com/modern-web-automation-with-python-and-selenium/>

Data science:

<https://realpython.com/tutorials/data-science/>

Web development:

<https://flask.palletsprojects.com/en/1.1.x/tutorial/#tutorial>

<https://docs.djangoproject.com/en/3.1/>

Misc:

<https://medium.com/@krishnaregmi/pipenv-vs-virtualenv-vs-conda-environment-3dde3f6869ed>

<https://www.python.org/dev/peps/pep-0008/>

# Thank you



Certified DevSoc fwog

