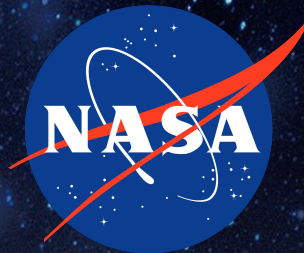# PyLadies LA
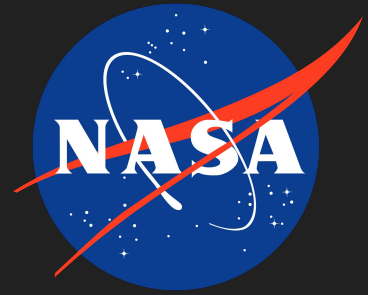
Happy Halloween Hour

October 28

Thursday

7 - 8 pm

★ Guest Speakers from **NASA & Urgently**

★ **FAQ** on Python in careers

Join us in your Halloween costume! (or Zoom filters)

https://www.meetup.com/Pyladies-LA/

Janelle Wellons, NASA

Role:

- Space Engineer!
- Operate scientific instruments at Saturn, the Moon, and even our own planet Earth

Python:

- I use Python to automate repetitive tasks required for operations and extend code written by others for my project's purposes

- Standard library, make my own classes
- Modules: argparse, datetime
- Details in future event!

https://www.janellewellons.com/

https://www.instagram.com/itsjanellie/

Annie Flippo, Urgently

Role:

- Chief Data Officer
- Using data to help people on a very bad day stuck on the side of the road

Python:

- ML / predictive / exploratory modeling
- Visualizing data
- Scikit-learn, seaborn, common modules

https://www.linkedin.com/in/acflippo/

Careers in Python
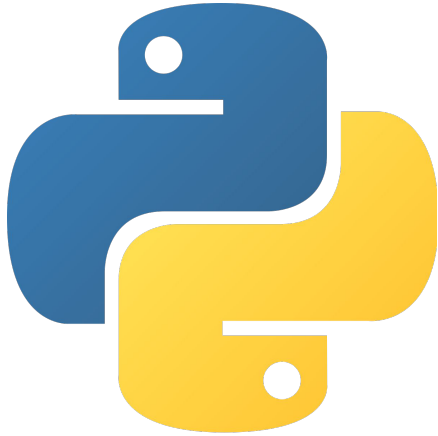
The obvious and not so obvious ones

Annie Flippo

CDO at Urgently, a Roadside Assistance Platform

URGENTLY

The versatile python

Swiss Army Knife

Python is a Swiss Army Knife for Development

- Math
- Images
- Graphing
- No compilation needed
- Runs everywhere
- Easily Extensible
- Backend and Frontend
- Great support for most data types (arrays, lists, dataframes)

Careers in Python

- Build back and front end features

- Data Analyst

- Data Scientist

- Data Engineer

- Visualization Engineer

- Machine Learning Engineer

- Quality Assurance Engineer

- Product Manager

- Educator (teach Python in school, bootcamp)

What else do you need besides Python?

- Hands-on Cloud technology (AWS, GCP, Azure)

- Understand security

- Version Control (git)

- Database (how does it work?)

- DevOps, SecOps (who are these people & what do they do?)

- Communication & documentation

    - Write down what you did

    - Tell people why you did it (because it's awesome!)

Career Longevity with Python

- Python is versatile

- You can progress your career as you want

  - Data Analyst ⇒ Data Engineer

  - Product Manager ⇒ Developer

  - Developer ⇒ Data Scientist / ML Engineer

- Work remotely (ok, before the pandemic this was a big selling point)

- Pay is great!

Art of Standing Out

- Find your ideal job/company and see what they're looking for in a role (and get those skills)
- Each resume should be tailored to the job (keep it short, succinct & relevant to the role)
- Highlight and highlight again your skills/experience as it relates to the role
- Ask your friends, colleagues for help and an introduction
- Attend conferences & events where you can meet people
- Volunteer to make connections
- Update your LinkedIn/blog to communicate who you are

Salary Quick Search (Oct 2021 for Los Angeles)

Randstad USA

$99k–150k per year
Data Analyst
Los Angeles, CA

Built In LA

$90k–340k per year
Data Scientist
Los Angeles, CA

Built In LA

$78k–230k per year
Data Engineer
Los Angeles, CA

Job Title	Annual Salary
Python Architect	$163,886
Senior Python Engineer	$159,188
Python Quant	$143,341
Full Stack Developer Python	$139,040
Python Data Science	$138,079

https://www.indeed.com › q-Python-l-Los-Angeles,-CA... ⋮

Python Jobs, Employment in Los Angeles, CA | Indeed.com

3667 **Python jobs** available in **Los Angeles**, CA on Indeed.com. Apply to Software Engineer, Analyst, Programmer Analyst and more!

https://www.linkedin.com › jobs › python-jobs-los-angele... ⋮

Python in Los Angeles, California, United States - LinkedIn

15,000+ **Python Jobs in Los Angeles**, California, United States (647 new) · Software Engineer, Entry-Level · 100% Remote : Programmer Roles · Software Engineer, ...

Q & A

#jobs-and-careers

Slalom is a modern consulting firm focused on strategy, technology, and business transformation. They had previously hired for early career positions with Project Ada, an initiative specifically for hiring more women in engineering and help their org reach gender parity.

- Positions:
    - Data Scientist
    - Data Analyst
    - Data Engineer
    - Software Engineer
    - Solution Architect

- Python:
    - Within the Data & Analytics practice, Python is our tool of choice.
    - We leverage python for every step of the data science process including data analysis, machine learning, and statistical modeling.
    - It's also the backbone of the data architecture and applications we build for our clients, which often includes ETL/ELT, back-end REST APIs, micro services, and any data services on the major cloud providers (AWS, GCP, Azure).