

Python for Space Science

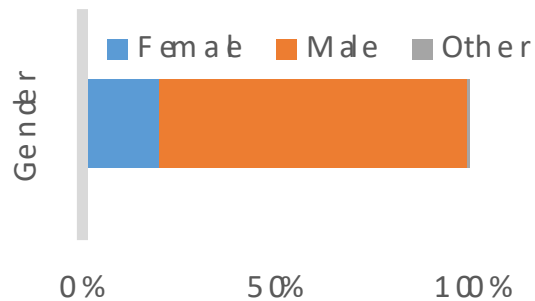
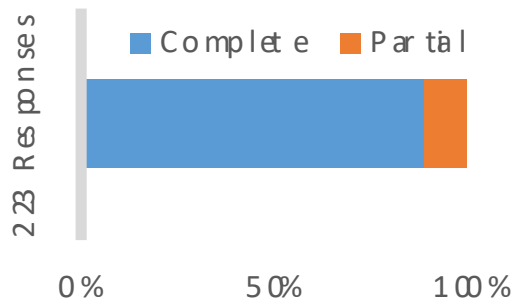
Snakes on a Spaceship: The Return of the Python

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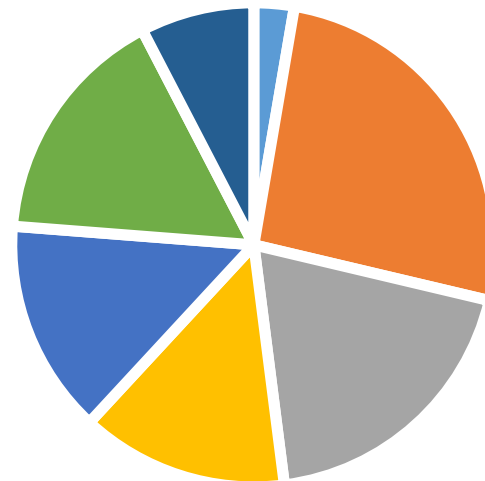




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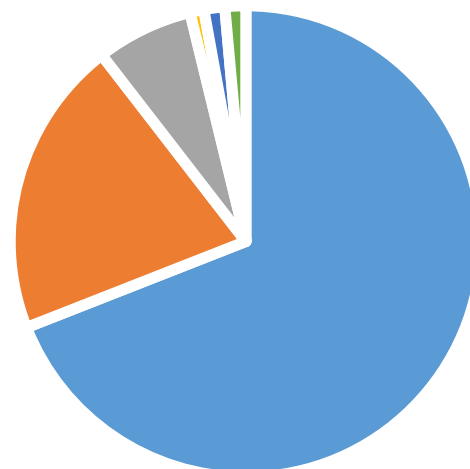
Responses from 28 countries across 6 continents

Demographics



Career Stage

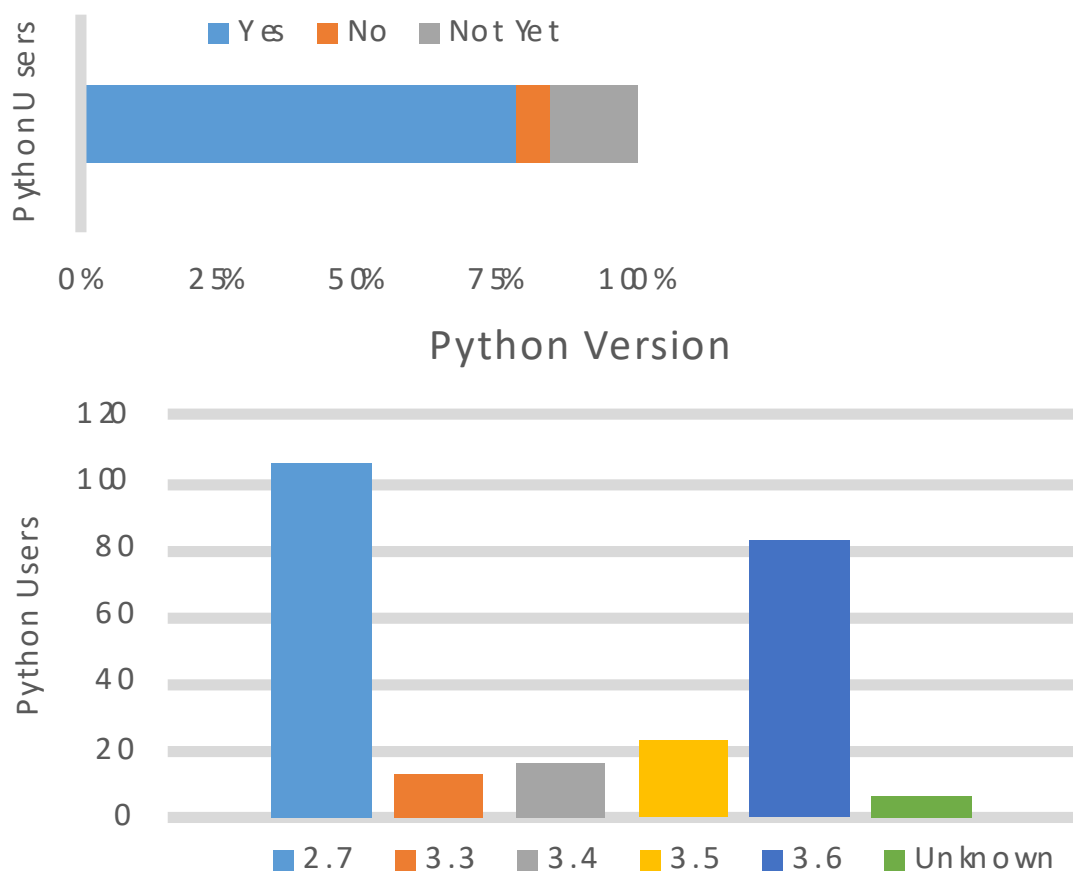
- Student
- Graduate Student
- Within 5 Years of PhD
- Within 10 Years of PhD
- Within 20 Years of PhD
- More than 20 Years after PhD
- Other



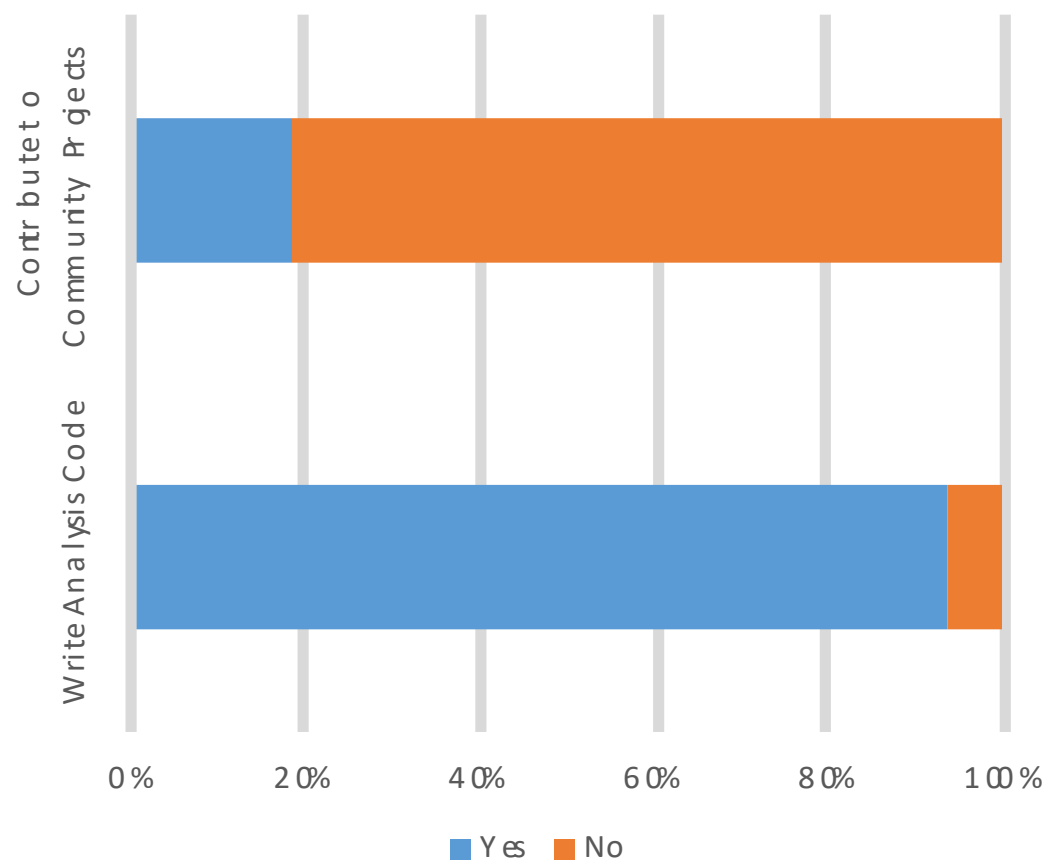
Type of Institution

- Academic
- Government
- Industry
- Self Employed
- Retired
- Research Institute

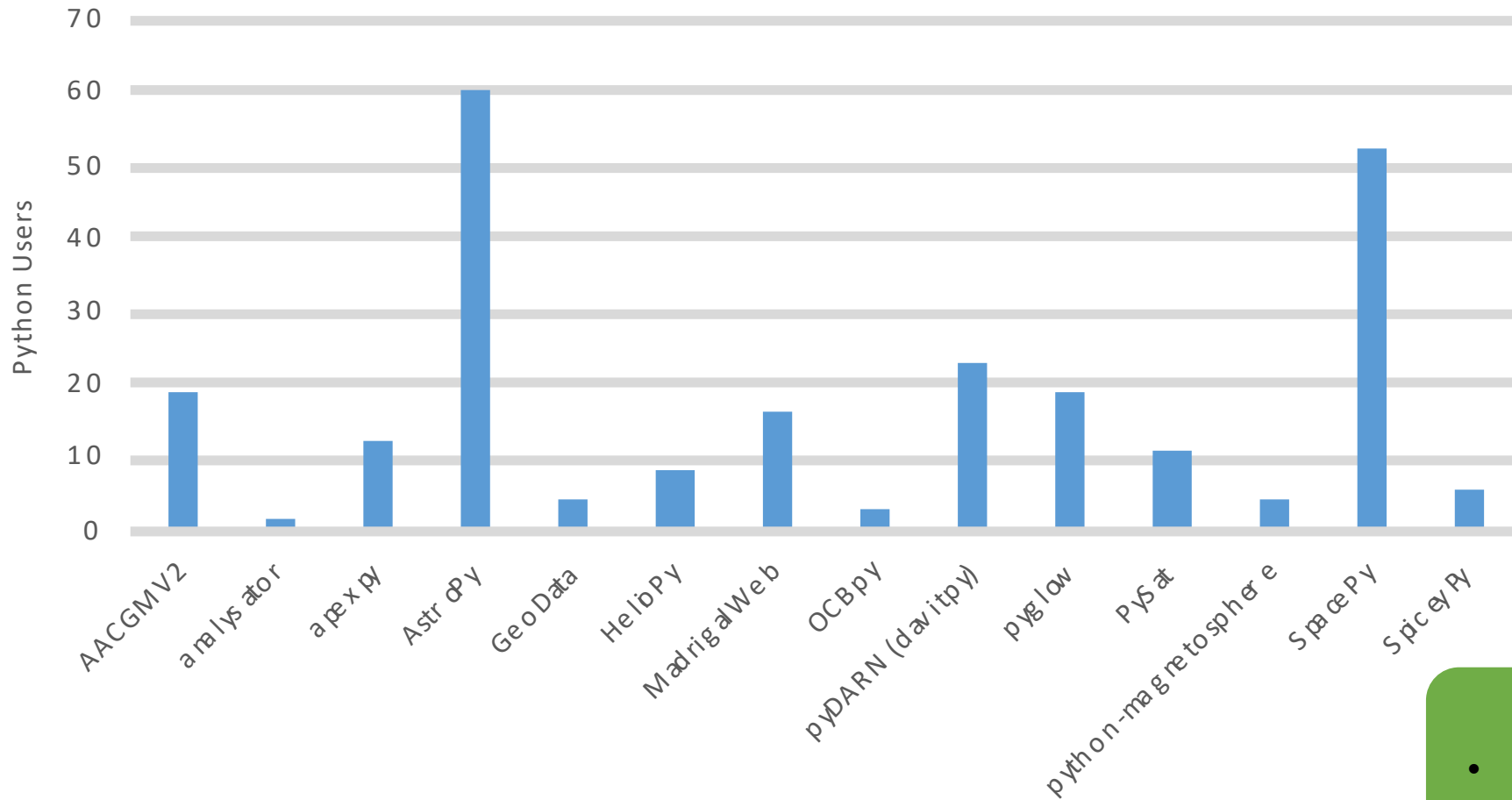
Python usage habits



Code development habits



Packages with more than one report of use



Packages with one report of use

- digital_rf
- ERA_py
- geospacepy
- jplephem
- PlasmaPy
- PyAMPS
- PyEphem
- pyLTR
- pysatCDF
- sgp4
- signal-chain
- skyfield

Other useful packages

- SciPy
- statsmodels
- sklearn
- pandas





- Community Organization - Alex deWolfe and Jeff Klenzing
- AULs and Software – Alexa Harlford and Adam Kellerman
- Advanced Python – Russell Stoneback
- Repositories and DOIs – Steve Morley
- Development on an Academic Timeline – Angeline Burrell
- Discussion – Everyone

Related Topics

Student lunch on Tuesday in Zia/El Dorado includes a discussion on Git data curation and continuous integration