



Basic statistics

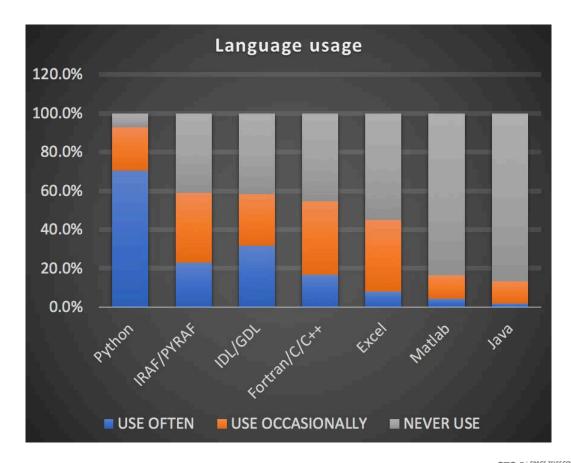
- Survey run time: June 7, 2019 → August 2, 2019
- 504 total responses
- Average question completion: 82%
- Demographics:
 - 3 undergrads (<1%)
 - 58 grads (14%)
 - 95 postdocs (23%)
 - 242 faculty/staff (59%)
 - 13 other (3%)
- 85% of respondents are primary JWST data analysts (others rely on team members). 3% do not plan to analyze JWST at all...
- 88% responded to an email; 12% responded via social media (Twitter/FaceBook).
- Median time spent: 5m 2s.

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Programming language usage

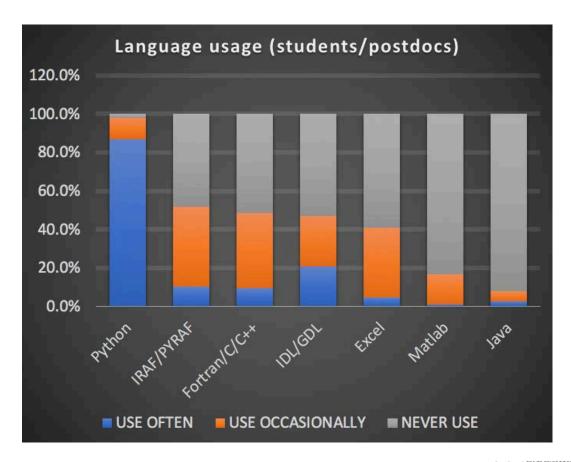
- Python most often used only 8% never use it.
- But >50% use IRAF/IDL/Fortran+C. Even Excel is used occasionally by >40% of respondents.
- Comments mention R and Mathematica often.
- Also to a lesser degree Julia, SuperMongo, GILDAS/CASA/MIRIAD, Perl, Igor, ...
- Clear generational evolution low numbers of students+postdocs rely on IRAF (10%) or IDL (20%).





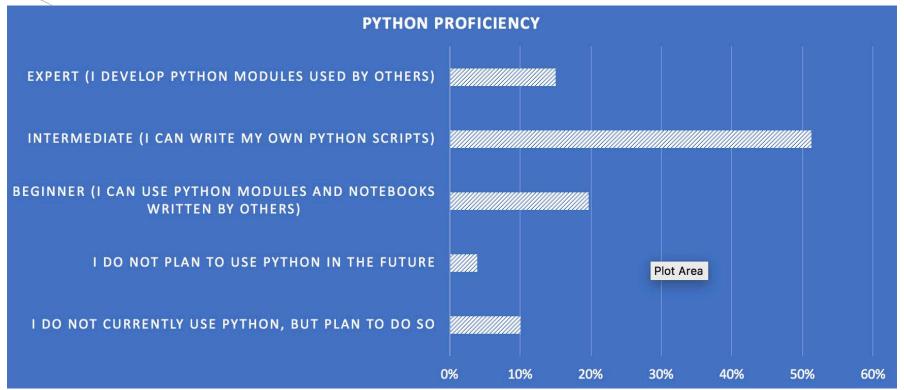
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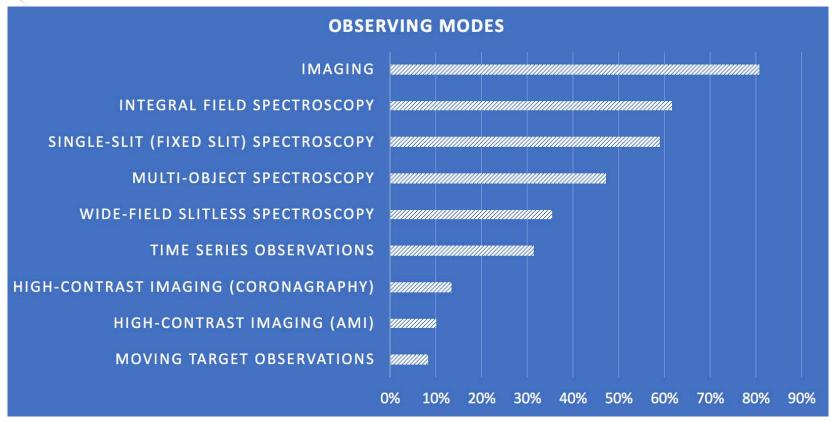


Python proficiency of respondents



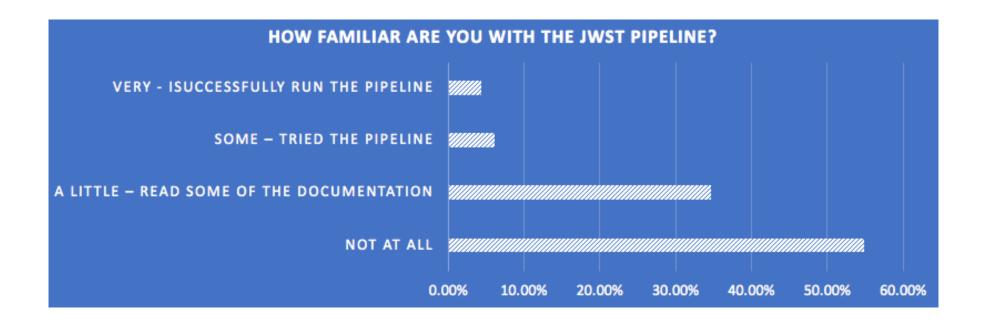


Respondents' observing modes



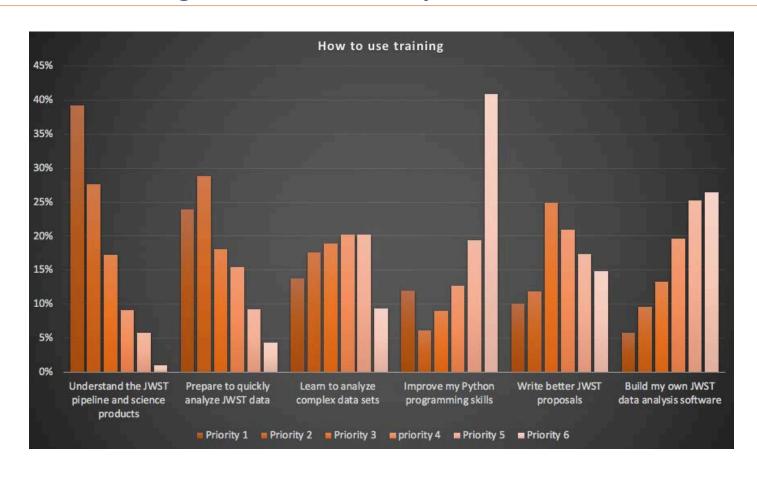


Familiarity with the JWST pipeline



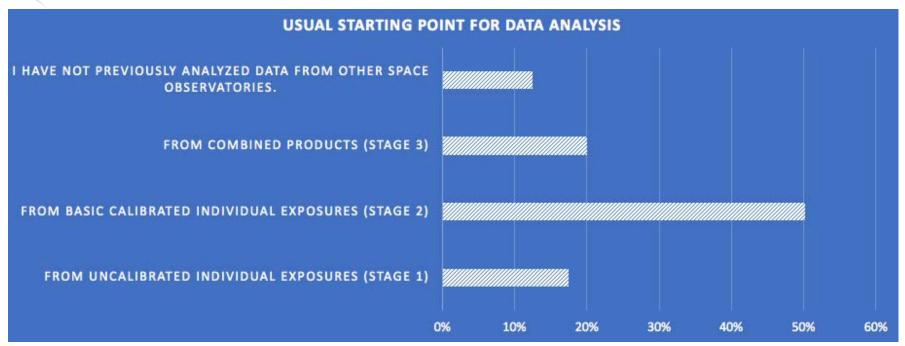


How to use training in JWST data analysis



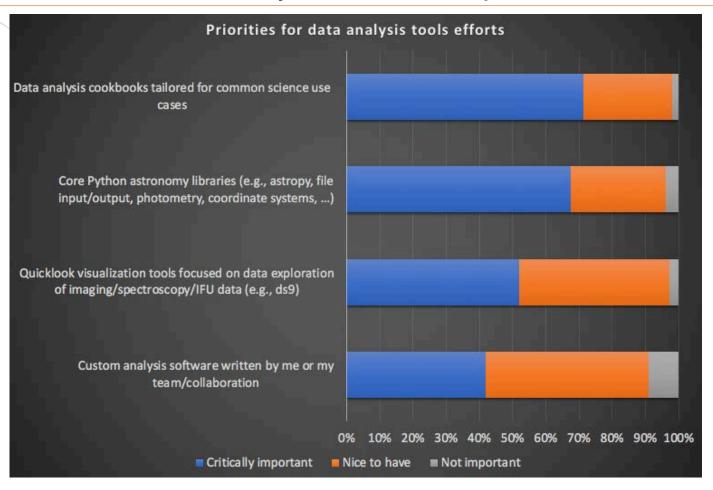


Expectations for highly processed data



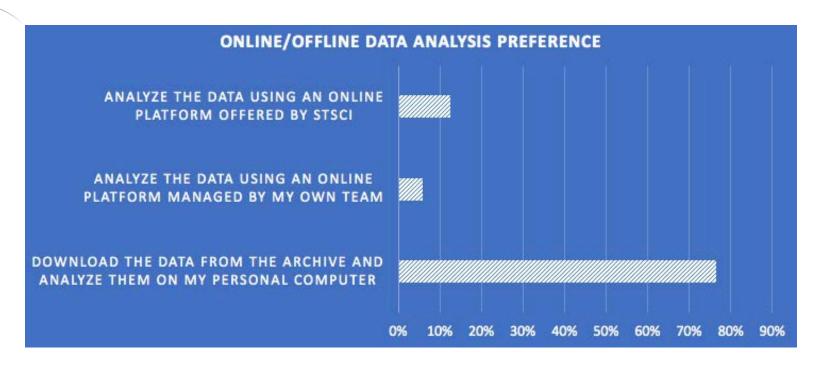


Priorities for data analysis tools development



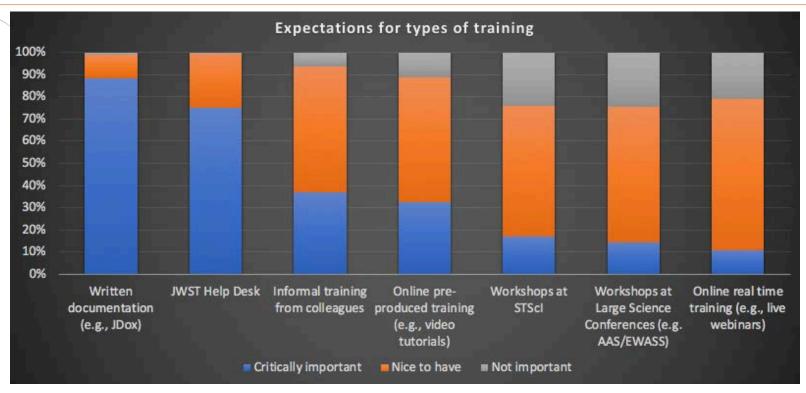


Expectations for online analysis





Types of training





Preferred timing for data analysis training

