## **Key Contributions**

An observational study of 20 scientific users of Jupyter notebooks showing:

- Goals for notebooks are not just for messy explorations
- Scientific users value many quality attributes (QAs), some in conflict
- Tactics used to meet one QA often inhibit other QAs

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- Tactics used to meet one QA often inhibit other QAs
- Scientists often use AI for coding but lack proper support to successfully do so