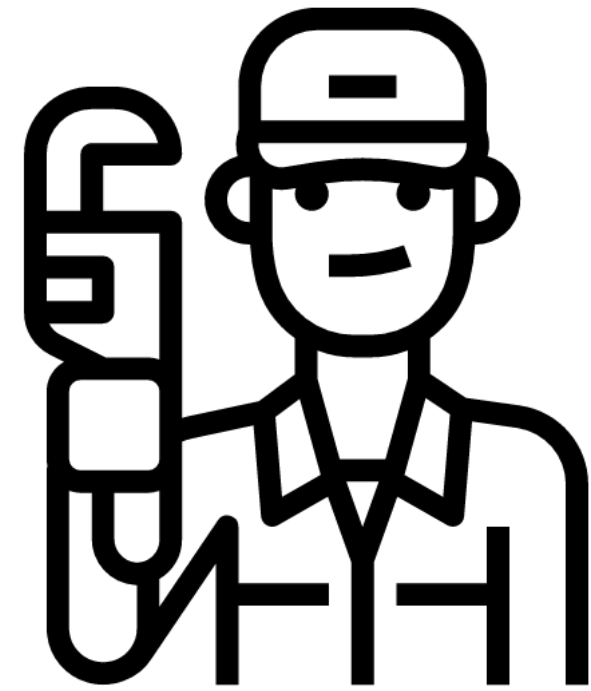


Develop and Deploy a Machine Learning Pipeline in 45 Minutes with Ploomber


Eduardo Blancas

ODSC West. November 18th, 2021



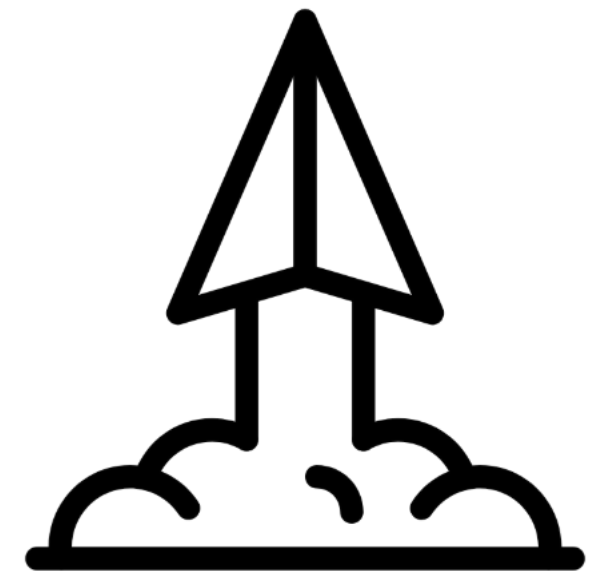
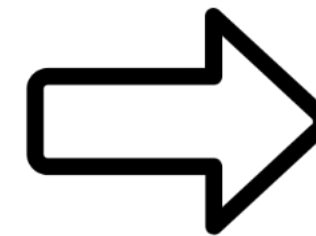
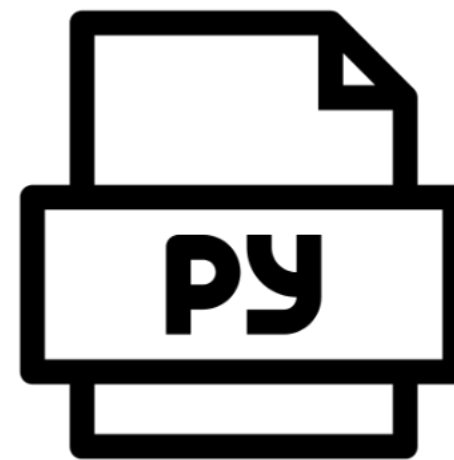
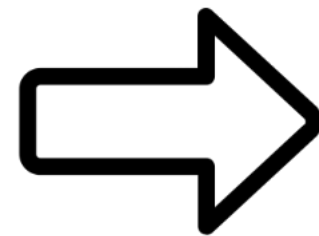
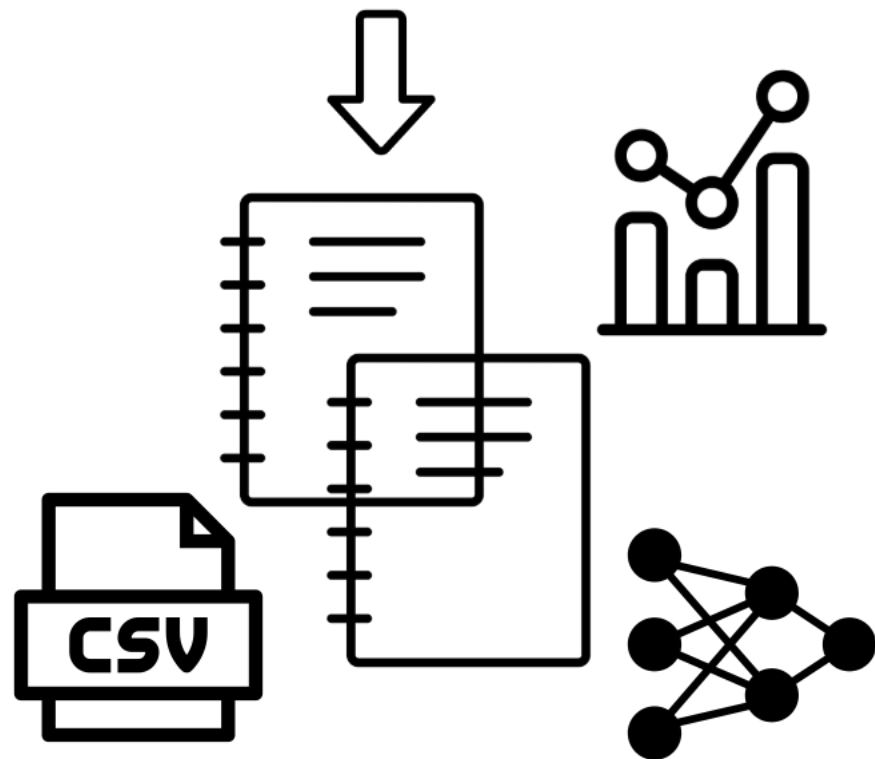
Ploomber

Before we start...

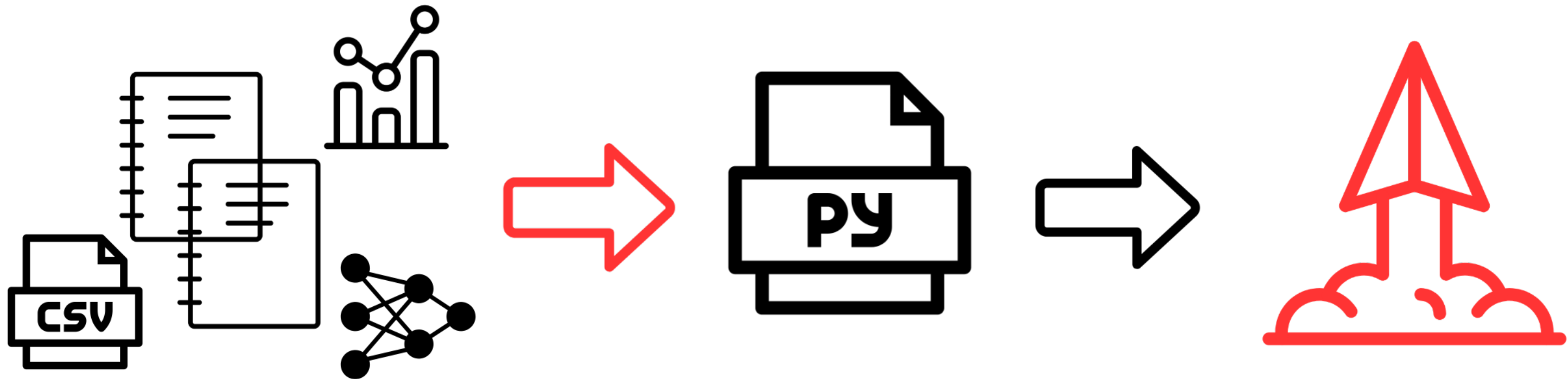
- github.com/ploomber/ploomber
- Show your support with a  on Github!
- [Join our community!](#) (Link on Github's README)
- Check our guest post on blog.jupyter.org

Problem

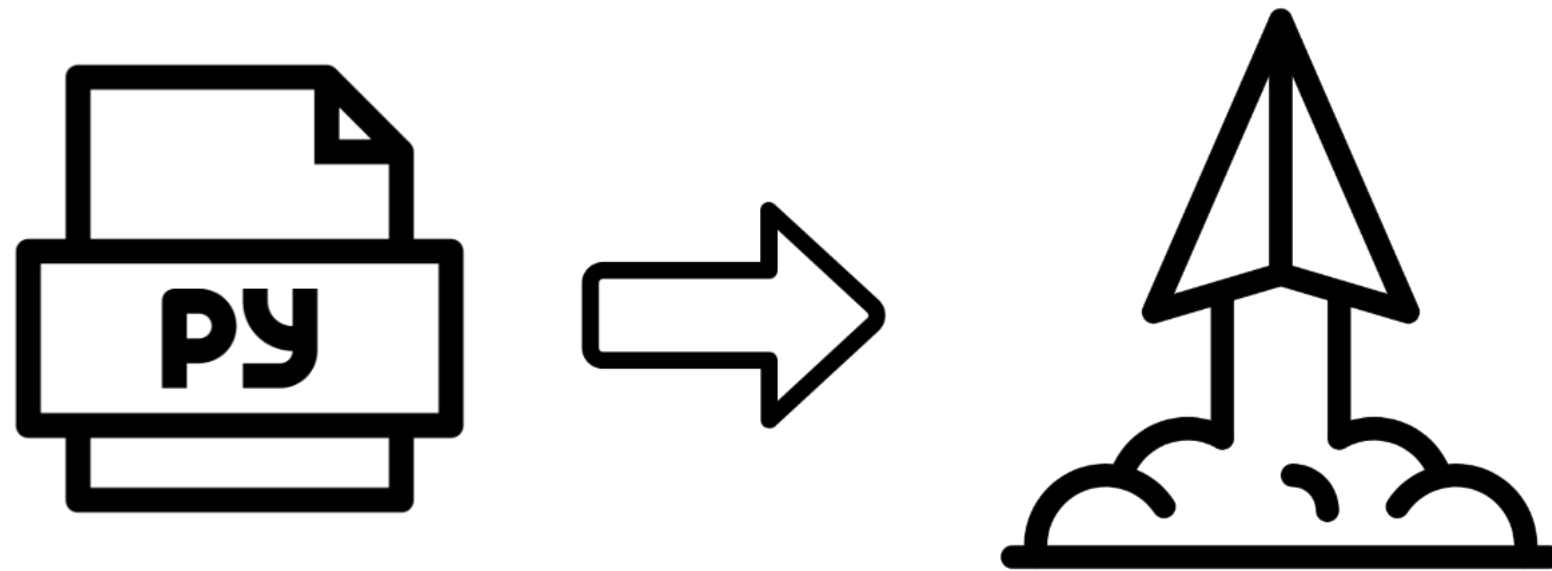
Jupyter notebooks



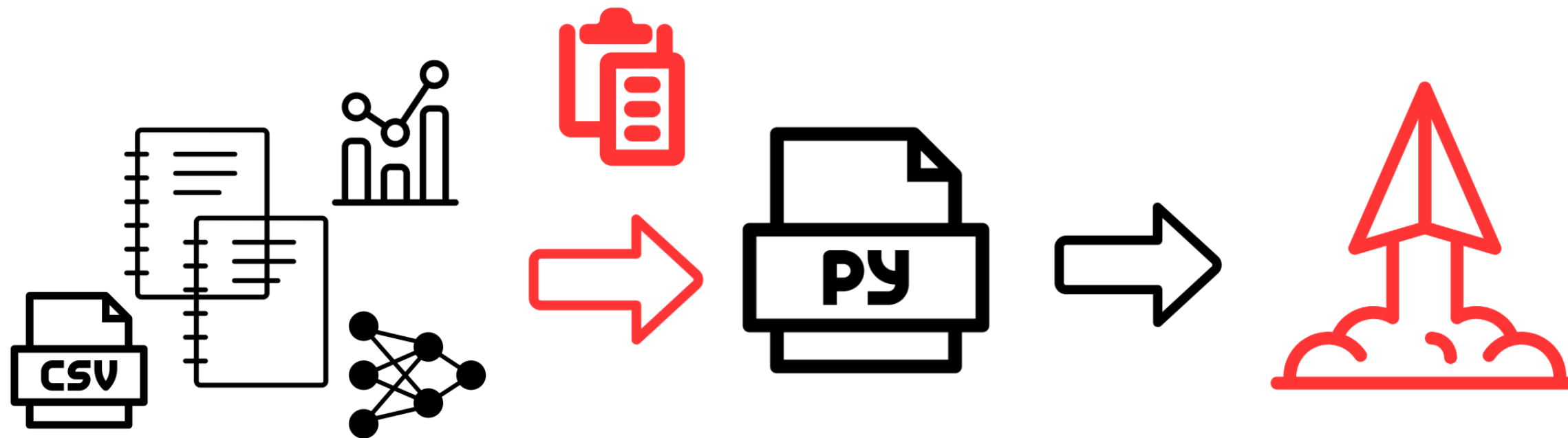
Problem



What if we don't use notebooks in the first place?



What if we don't use notebooks in the first place?



Solution


- Edit `.py` **scripts as** Jupyter **notebooks**
- **Break down logic** in small tasks
- **Test** each task in isolation
- **Run** from scratch **continuously**

Selected use case

- Evidation Health reduced dev time by 40%
- Presented results at PyData Global 2021
- Video will be released soon in the PyData YouTube channel

Demo

Let's keep in touch

- github.com/ploomber/ploomber
- Show your support with a  on Github!
- [Join our community](#) (link on GitHub's README)
- Follow us on Twitter: [@ploomber](#)

Questions?