Standalone Web Applications

with Jupyter Notebooks







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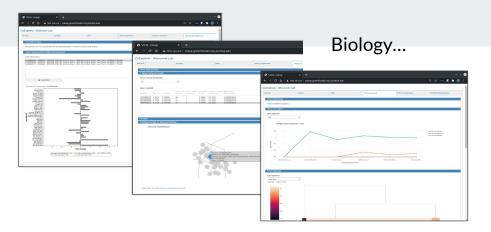


Standalone Web Applications

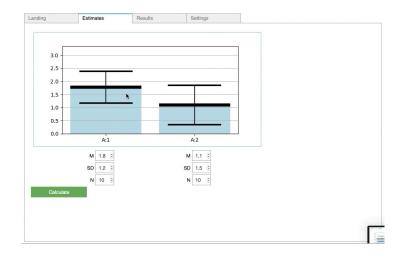
1. Using Jupyter Notebooks is a good idea

2. How to best go about doing it

Using Notebooks for web app development is a good idea



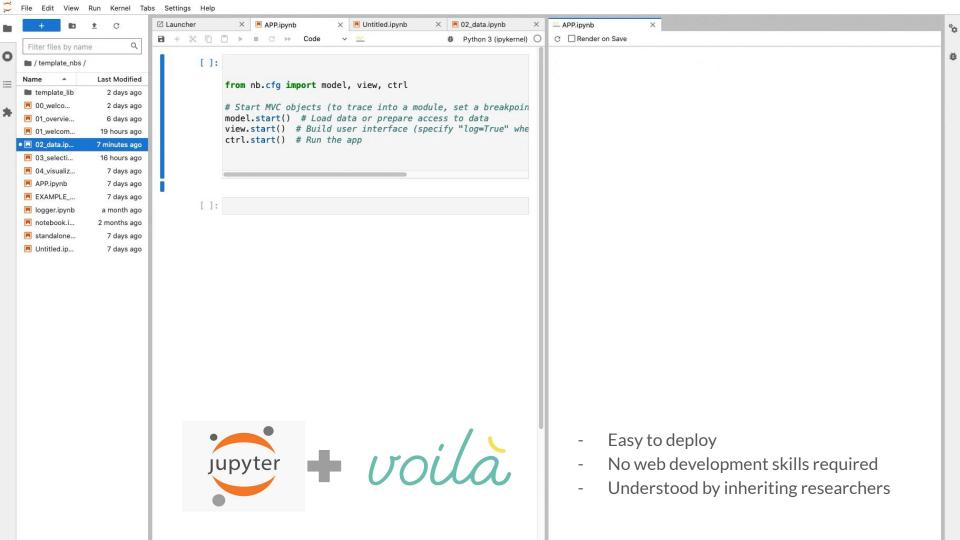




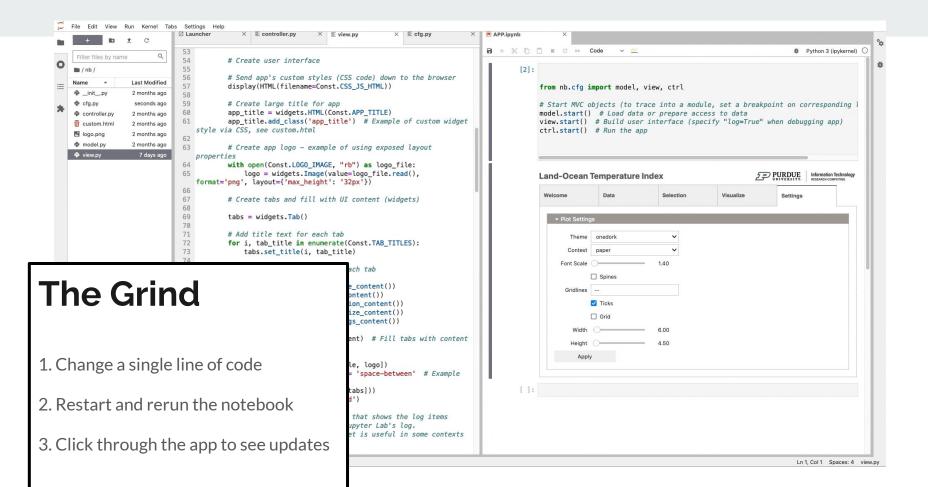
...psychology,

aeronautics,

and more.



How to approach development

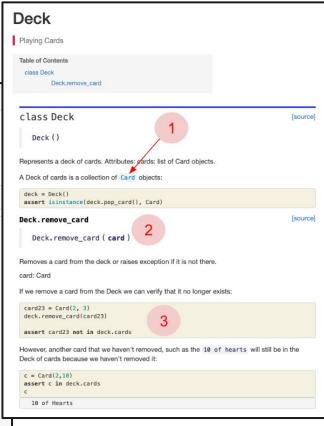


Literate Programming with nbdev

- Interactive development
- Notebook-friendly merge conflict resolution
- Documentation generation
- Inline testing







IDE-like environment with JupyterLab

- Tab-completion
- Notebook debugger
- Linters
- Live update Voila preview
- Variable explorer

nicole-brewer/nbdev_app_template

- Dockerfile for deploying on a composable platform
- Docker-compose for development environment
- Extended version of the nbdev template with instructional notebooks and templates





