



EuroPython



Python and Data Storytelling to create and deliver better presentations

Sebastián Flores, EuroPyCon 2025



Part 2 - Block 3

Data Storytelling Tools

Important!

Now you know principles and rules for Effective Storytelling.
Choose the most suitable weapon for your objective!

Presentation tools

- Classic: PowerPoint
- “Show don’t tell” tools:
 - quarto (+ pyodide)
 - jupyter + RISE
 - streamlit
- Mixed bag: canvas, revealjs, prezzi

Personal opinion

- **PowerPoint**: Discardable presentation or mandatory format.
- **Quarto**: Conference talks. Might need to execute code.
- **Jupyter + RISE**: Workshops. Code to execute must be easy to modify.
- **html+webapps**: Experimental presentations.

Advice from experience

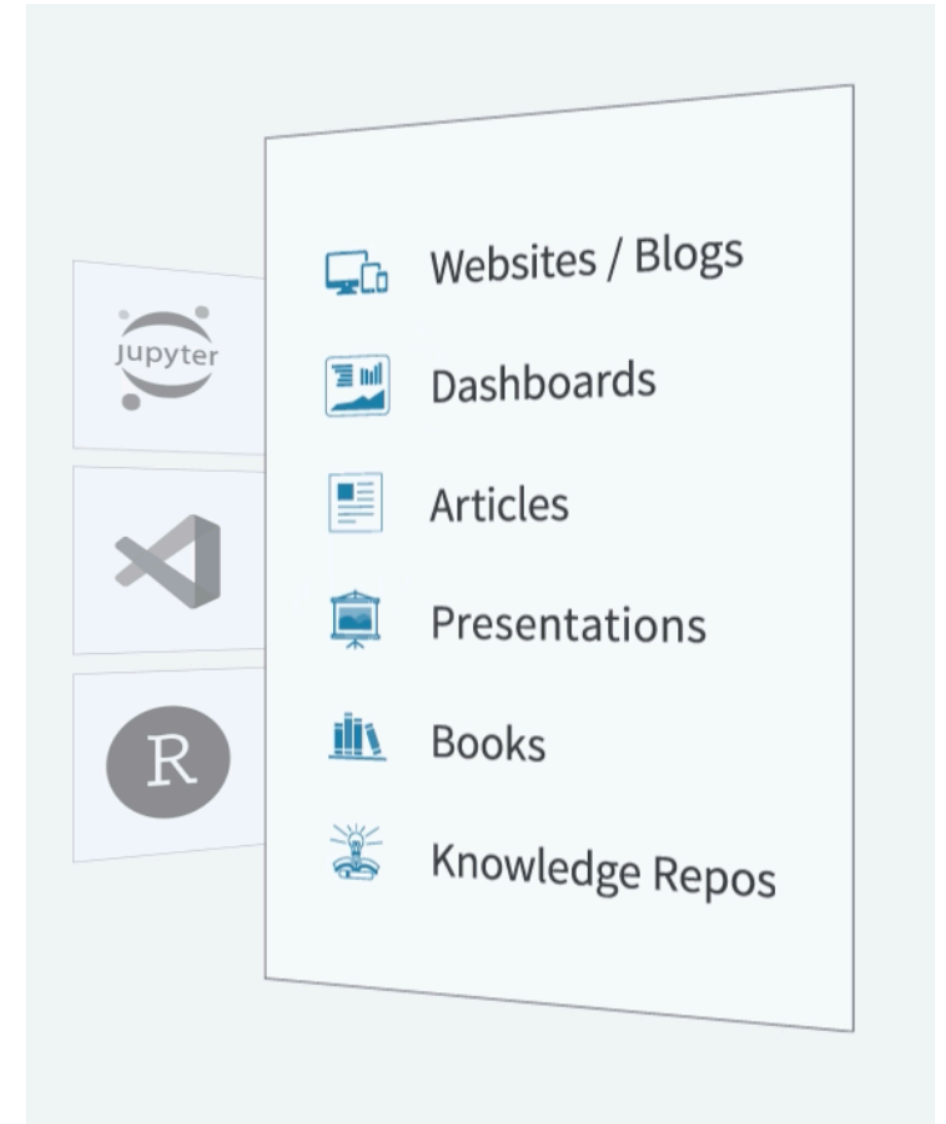
- Don't expect “pixel precision” on text and figure positions.
- Tradeoff between simplicity and control
- Knowing a bit of html goes a long way

Quarto

quarto

An open-source scientific and technical publishing system from POSIT.

Focus on scientific markdown, dynamic & interactive documents based on code (Python/R/Julia).



<https://quarto.org/>

Jupyter + RISE

jupyter notebook

The executable notebook
we all love and hate.

The RISE extension allows
you to render the notebook
as a presentation.

RISE

5.7.2.dev2

Jupyter slideshow extension

 Star 3,654

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RISE

Reveal.js - Jupyter/IPython Slideshow Extension

Disclaimer

Please be aware that the extension built from this repo **is not compatible with JupyterLab and must be used with the classic notebook** (i.e. notebook <= 6).

JupyterLab and Notebook 7 users are encouraged to use the RISE JupyterLab extension instead:

```
pip install jupyterlab-rise
```

see also the github repo here <https://github.com/jupyterlab-contrib/rise>

What is RISE?

As you know... we love **Jupyter** and we like **reveal.js** too.

With RISE, a Jupyter notebook extension, you can instantly turn your jupyter notebook into a live *reveal.js*-based presentation.

<https://rise.readthedocs.io/>