

Effective Programming Practices for Economists

Plotting

Why plotly? And some prerequisites.

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Python plotting landscape

Static plots:

- matplotlib
- seaborn

Interactive plots:

- vega-altair
- bokeh
- plotly

Why we use plotly

- Interactive plots work out of the box
- Supports all relevant output formats:
 - Interactive dashboards
 - HTML
 - static image formats
- Also available in R and Julia

Supporting static and interactive plots

- Interactive plots typically based on JavaScript
- Rely on browser functionality for static exports
- Kaleido hides that by installing a browser to export static plots
- Must run `plotly_get_chrome` (in pixi environment: `pixi run plotly_get_chrome`)