

# **Effective Programming Practices for Economists**

## **Plotting**

**Why plotly? And a prerequisite**

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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` )