

Unit 3: Core tools

Advanced bokeh

Lesson 33

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Overview of unit

Objectives:

- Understanding how data science activities necessitate certain kinds of tools
- Fundamentals with core data science tools

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|--|---------------------------|
| 1. Why core tools? | 7. Github |
| 2. Project organization | 8. Jupyter notebooks |
| 3. Python | 9. Jupyter & statefulness |
| 4. Best practice: write CLI tools | 10. Bokeh |
| 5. Best practice: write unit tests | 11. Advanced bokeh |
| 6. Best practice: resource referencing | 12. HW 3 |

Lesson overview

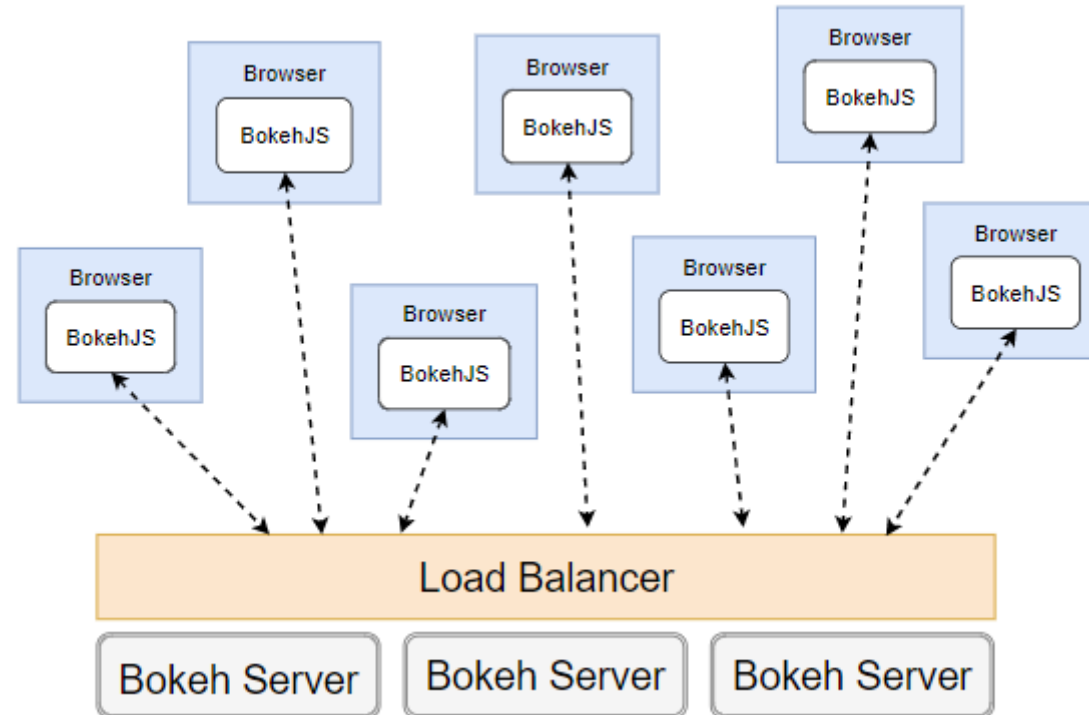
Objectives

- Understand principles of dashboard load balancing
- Understand how to accelerate dashboard loading speed
- Know how to approach authentication in bokeh

Outline

- Production dashboard deployment architecture
- Dashboard speed bottlenecks
- Authentication

Dashboard deployment architecture



Dashboard speed bottlenecks

Bokeh authentication

Lesson wrap-up

Takeaways

- Delivering a dashboard is more than throwing up a panel
- Deployment concerns matter.

Up next

- Why question formulation matters ... kicking off Unit 4!