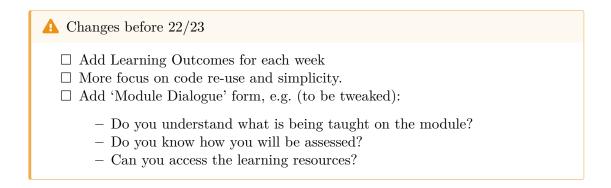
# Foundations (Pt. 2)



#### **Overview**

Important

This week's Learning Outcomes are:

1.
2.
3.

This week we start to move beyond Code Camp. So although you should recognise many of the *parts* that we discuss, you'll see that we start to put them together in a new way.

# **Preparation**

## **Code Camp**

All students should complete/revisit Code Camp Notebooks 8–11.

**Note:** there is an issue with the GeoJSON tasks in Notebooks 8 and 9. We can discuss in the Class.

#### Lectures

Come to class prepared to present:

Session	Video	Presentation	Notes
Dictionaries	Video	Slides	Notes
LOLs	Video	Notes	Notes
DOLs to Data	Video	Slides	Notes
Functions	Video	Slides	Notes
Packages	Video	Slides	Notes

#### Readings

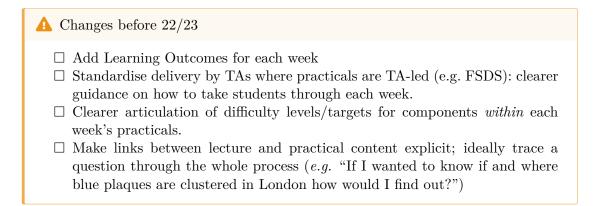
Come to class prepared to present:

- (Etherington 2016) DOI
- (Donoho 2017) DOI
- (Unwin 1980) DOI

#### **Activities**

- Padlet: [Collaborative Agenda]
- Complete the short Moodle quiz associated with this week's activities.

## **Practical**



The practical can be downloaded from GitHub.

# References

- Donoho, D. 2017. "50 Years of Data Science." Journal of Computational and Graphical Statistics 26 (4):745–66. https://doi.org/10.1007/978-3-642-23430-9\_71.
- Etherington, Thomas R. 2016. "Teaching Introductory GIS Programming to Geographers Using an Open Source Python Approach." *Journal of Geography in Higher Education* 40 (1). Taylor & Francis:117–30.
- Unwin, David. 1980. "Make Your Practicals Open-Ended." *Journal of Geography in Higher Education* 4 (2). Taylor & Francis:39–42. https://doi.org/10.1080/03098268 008708772.