Spatial Data

> ⚠️ **Changes before 22/23**
>
> ☐ Add Learning Outcomes for each week
> ☐ Link back to Week 5 CASA0005 (Mapping) and Weeks 1–3 CASA0005 (Spatial Data)

Lectures

- Watch: Mapping (Notes)
- Watch: GeoPandas (Notes)
- Watch: EDA (Notes)
- Watch: ESDA (Notes)

Readings

- (D'Ignazio and Klein 2020, chap. 6) **The Numbers Don't Speak for Themselves** in *Data Feminism*; Pre-review URL
- (Elwood and Wilson 2017) DOI

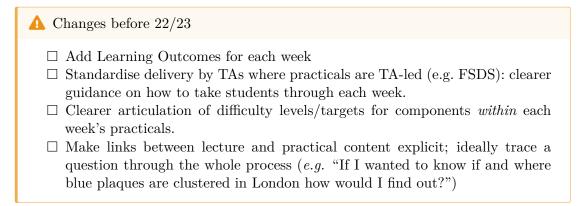## Contribution

- Padlet: [Collaborative Agenda]

Quiz!

- Complete the short Moodle quiz associated with this week's activities.

Class

- Reviewing the **Collaborative Agenda**
- Discussion of **Readings**
- **Live Coding**

Practical

> ⚠ Changes before 22/23
>
> ☐ Add Learning Outcomes for each week
> ☐ Standardise delivery by TAs where practicals are TA-led (e.g. FSDS): clearer guidance on how to take students through each week.
> ☐ Clearer articulation of difficulty levels/targets for components *within* each week's practicals.
> ☐ Make links between lecture and practical content explicit; ideally trace a question through the whole process (*e.g.* "If I wanted to know if and where blue plaques are clustered in London how would I find out?")

The practical can be downloaded from GitHub.

D'Ignazio, Catherine, and Lauren F. Klein. 2020. *Data Feminism.* MIT Press. https://bookbook.pubpub.org/data-feminism.

Elwood, S., and M. Wilson. 2017. "Critical GIS Pedagogies Beyond 'Week 10: Ethics." *International Journal of Geographical Information Science* 31 (10):2098–2116. https://doi.org/https://doi.org/10.1080/13658816.2017.1334892.