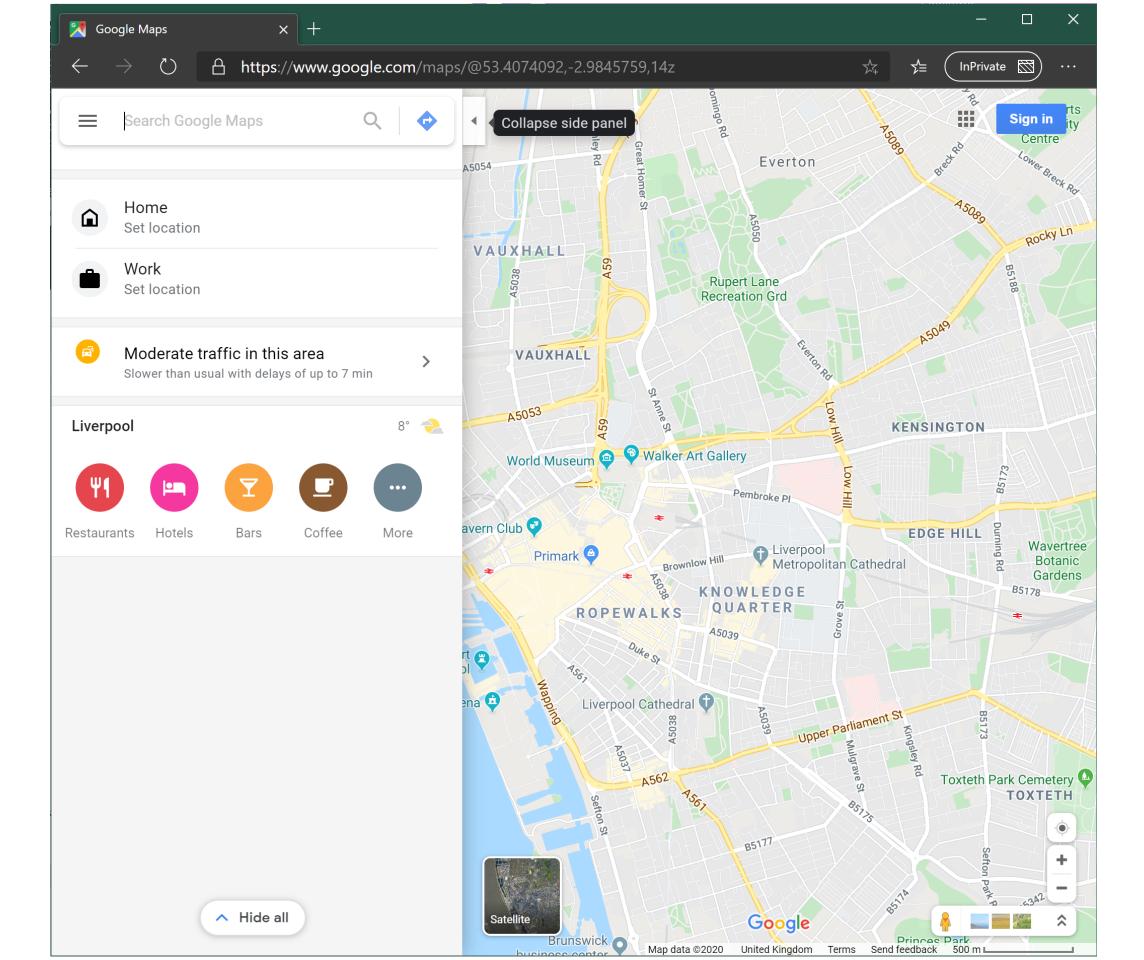
Web Mapping & Analysis Introduction

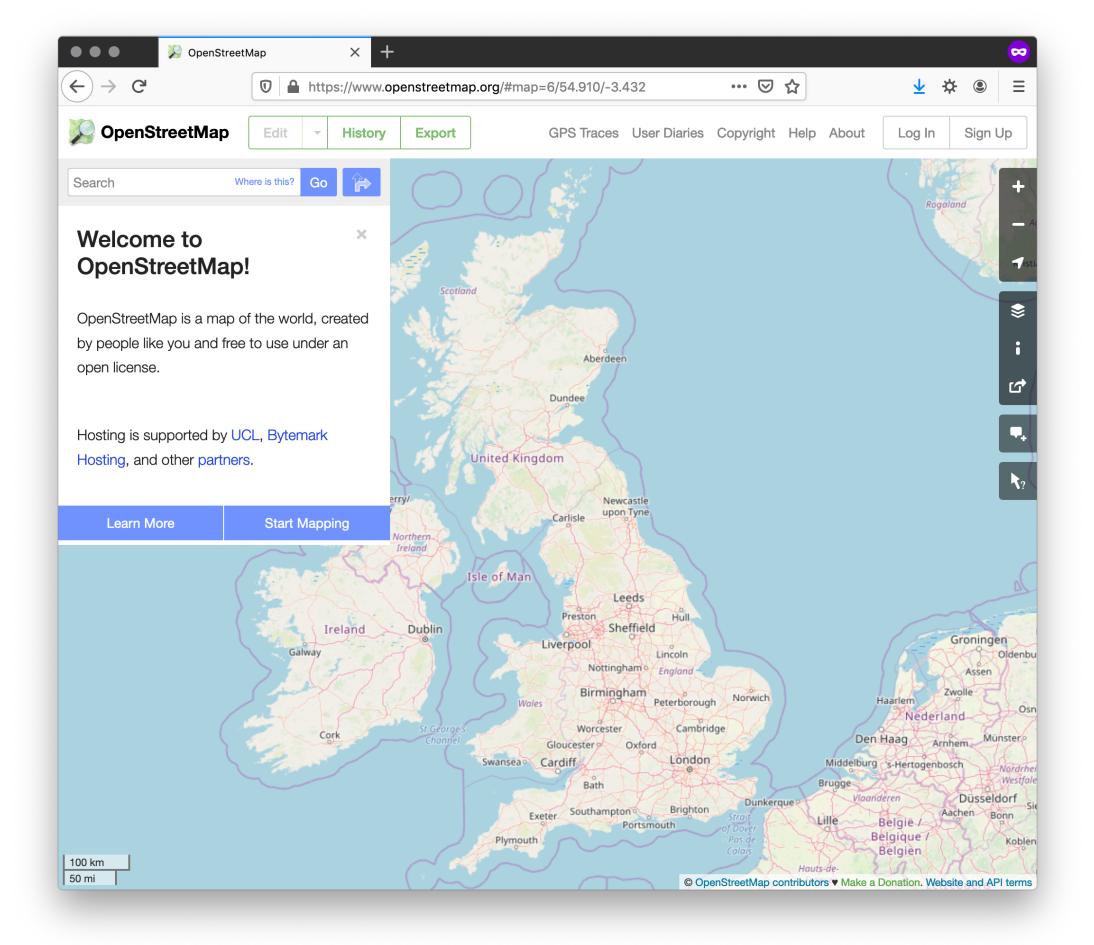
Dani Arribas-Bel

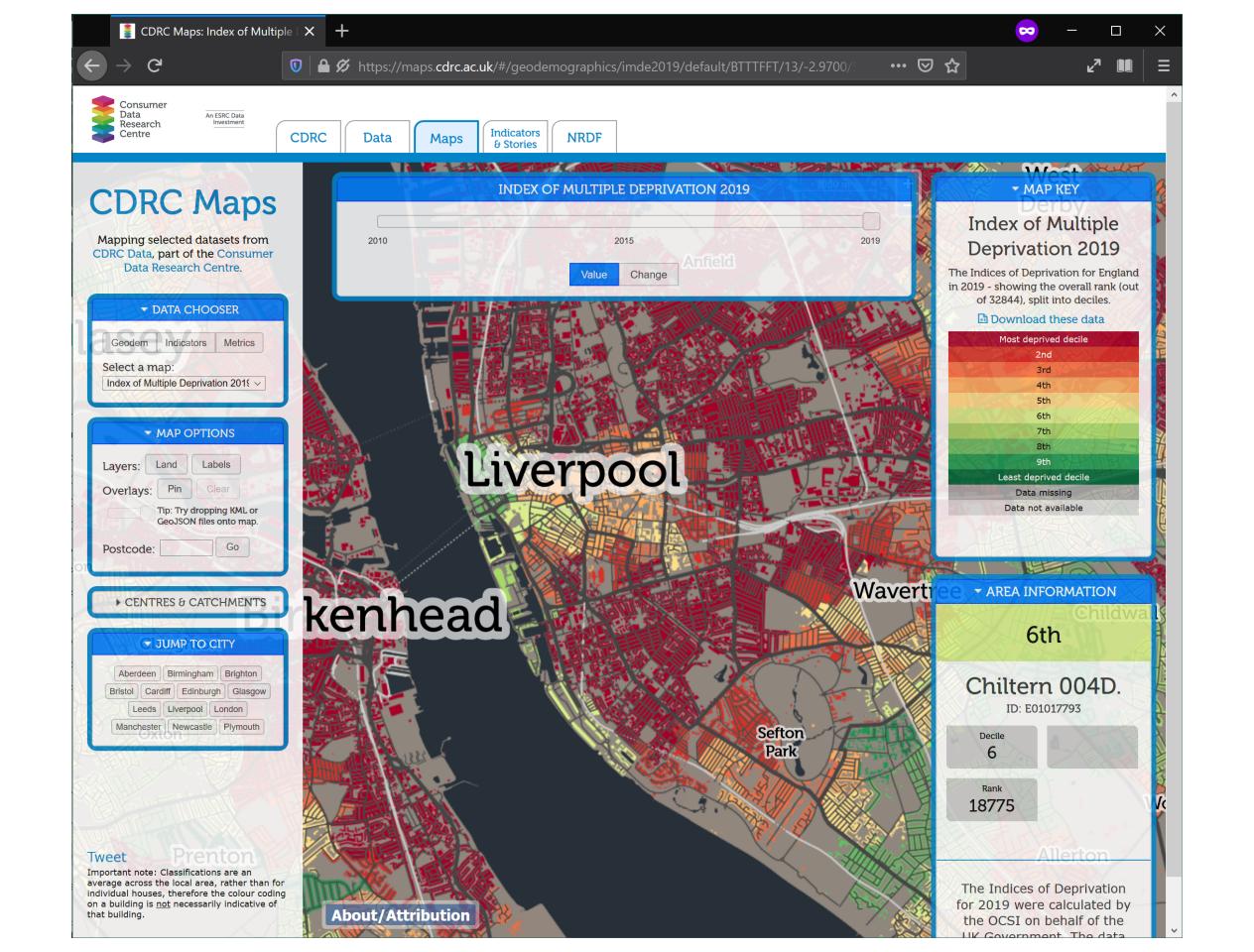
Today

- Anatomy of the Web Map
- Overview
- Logistics

Anatomy of the Web Map







Building blocks of a web map

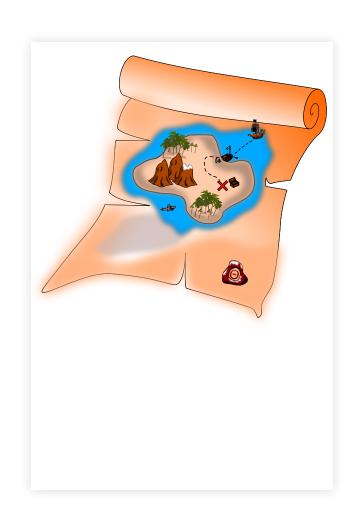
- (Geo-)Data
- Hardware
- Software
- (Effective and beautiful) Design

(Geo-)Data

"Data graphics visually display measured quantities by means of the combined use of points, lines, a coordinate system, numbers, symbols, words, shading, and color"

The Visual Display of Quantitative Information. Edward R. Tufte

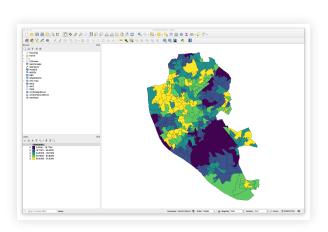
Hardware





Software









Design







Overview

Content

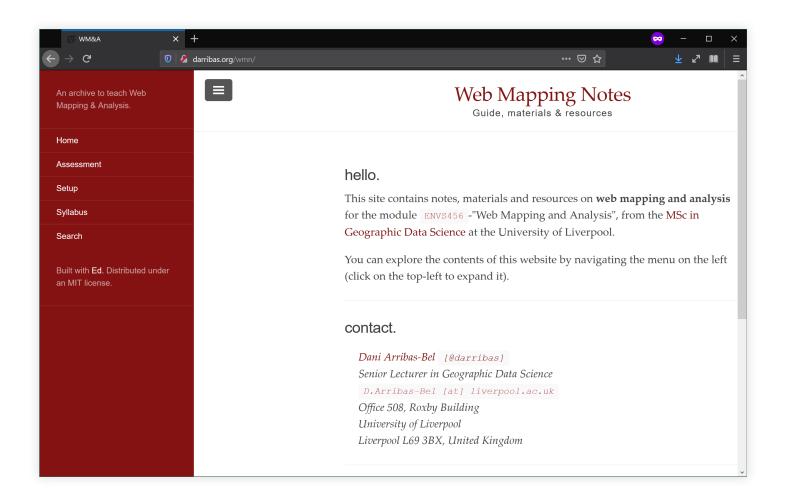
- W1 Introduction & Context
- W2 4: Data Backends
- W5: Assignment I
- W6 8: Frontend Topics
- W9: Dashboards
- W10: Technology Gallery

Assessment

- Two pieces of coursework (50%/50%)
- *Equivalent* to 2,500 words each
- Due on W-6 and W-11
- Description in lectures + lab clinics

Logistics

Website



darribas.org/wmn

Lecture/Labs

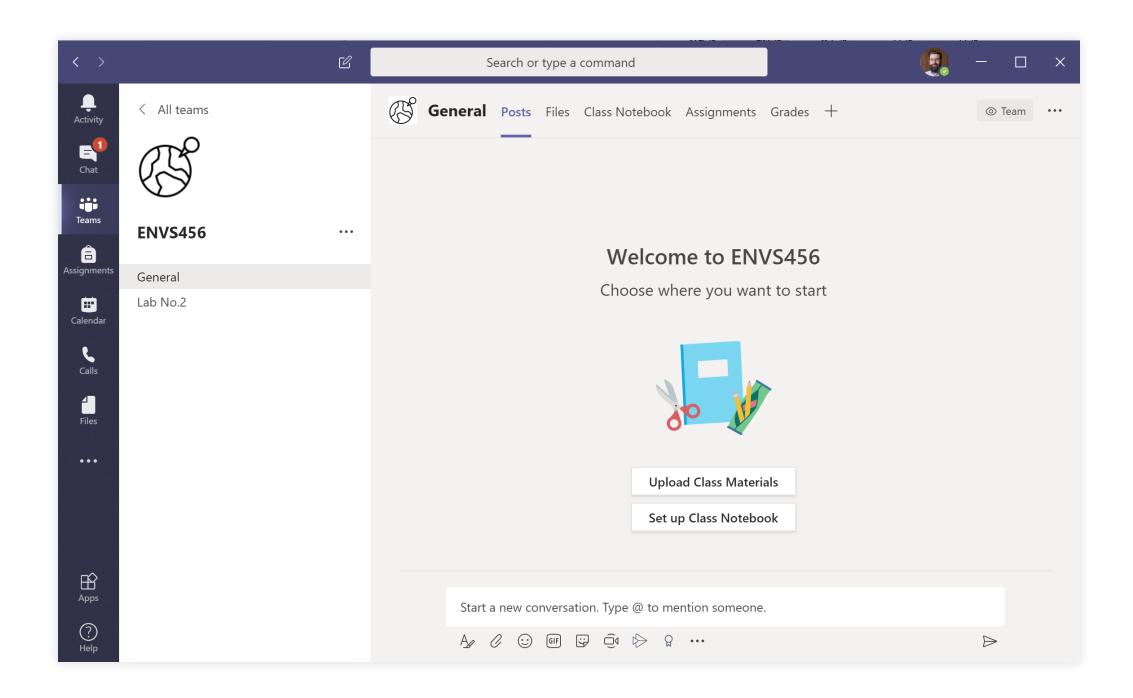
Lectures: Fridays 1pm-2pm @Teams

- Live streams + video archive
- Underlying concepts + Context

Labs: Fridays 3pm-5pm @Teams

- Hands on
- Interactive

Teams



Homework

- Bring at least one example of web mapping that you find compelling
- Contribute the link to Teams



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