

Greta Timaite

PHD STUDENT

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About me

I am an incoming PhD student in Interdisciplinary Methodologies, who is passionate about bridging data science and social sciences. I believe that (basic) data science skills are empowering. Thus, through my personal story I aim to demonstrate that programming can be learnt even by those who do not perceive themselves as math- or tech-savvy.

Work experience

Data Scientist

Leeds, UK

UNIVERSITY OF LEEDS, LEEDS INSTITUTE FOR DATA ANALYTICS

2021-2022

- Worked on two 6-month data science projects
- Responsible for project delivery, including data cleaning, analysis, and visualisation using R
- Communicated project impact through presentations at national (GISRUUK 2022, Modelling World 2022) and international conferences (State of the Map 2022)
- Wrote an introductory vignette on OpenStreetMap which is currently included in the Geospatial Data Science module
- OpenInfra project was shortlisted for Leeds Digital Festival Sustainability Award

Education

University of Warwick

Coventry, UK

MSc IN BIG DATA AND DIGITAL FUTURES

2020-2021

University of Warwick

Coventry, UK

BA IN SOCIOLOGY

2017-2020

Teaching experience

OSM for sustainable transport planning: getting started (Co-lead, workshop)

STATE OF THE MAP CONFERENCE 2022, FLORENCE, ITALY

2022

Propensity to Cycle Tool Advanced Training Workshop (Teaching assistant)

UK (ONLINE)

2021

Peer-reviewed publications

1. Timaite, G., Lovelace, R., & Houlden, V. (2022). The potential of OpenStreetMap for (accessible) active travel planning. *30th Annual Geographical Information Science Research UK (GISRUUK)*. <https://doi.org/10.5281/zenodo.6408417>
2. Timaite, G., Hulse, J., & Lovelace, R. (2022). OSM for sustainable transport planning. *Proceedings of the Academic Track at State of the Map 2022*. <https://doi.org/10.5281/zenodo.7004509>

Skills

EXPLORATORY DATA ANALYSIS IN R

- Base R
- Tidyverse (dplyr, readr, stringr)

SPATIAL ANALYSIS IN R

- sf

VISUALISATION IN R

- ggplot2
- tmap
- mapview

REPRODUCIBLE CODE AND DOCUMENTATION

- RMarkdown
- Quarto

GITHUB

- GH Actions
- GH Pages

Awards and Bursaries

LEEDS DIGITAL FESTIVAL SUSTAINABILITY AWARD (SHORTLISTED)	2022
BEST DISSERTATION IN THE PROGRAMME 2020-2021 AWARD	2021
CIM BURSARY RECIPIENT	2021
SHORT-TERM MOBILITY BURSARY	2021