

Institute for Global Prosperity Project Page

Role: Data Analyst Intern

Organisation: UCL Institute for Global Prosperity

Duration: June – September 2024

Overview

During my internship at the UCL Institute for Global Prosperity, I contributed to a long-term research initiative aimed at uncovering regional trends and supporting data-driven policy recommendations. My work focused on cleaning data, creating tools, and conducting analyses to inform sustainable development strategies.

Key Contributions

- **Interactive Dashboard Development:** Designed and implemented an R-Shiny dashboard to visualise geospatial data, enabling stakeholders to explore trends across various regions and categories.
- **Statistical Analysis:** Conducted detailed statistical analyses, identifying patterns and trends in complex datasets to support the research objectives.
- **Collaborative Problem-Solving:** Worked closely with researchers to meet tight deadlines and deliver actionable insights that aligned with the project's goals.

Skills and Tools Utilised

- Programming: R, R-Shiny
- Data Analysis: Statistical tests, descriptive statistics
- Visualisation: Geospatial mapping and trend identification

Key Takeaways

This experience enhanced my ability to integrate statistical analysis with geospatial data visualisation, delivering practical tools for decision-making. It also strengthened my skills in collaboration, project management, and meeting specific research objectives.

Sample Outputs and Highlights

Version 1

Index Scores

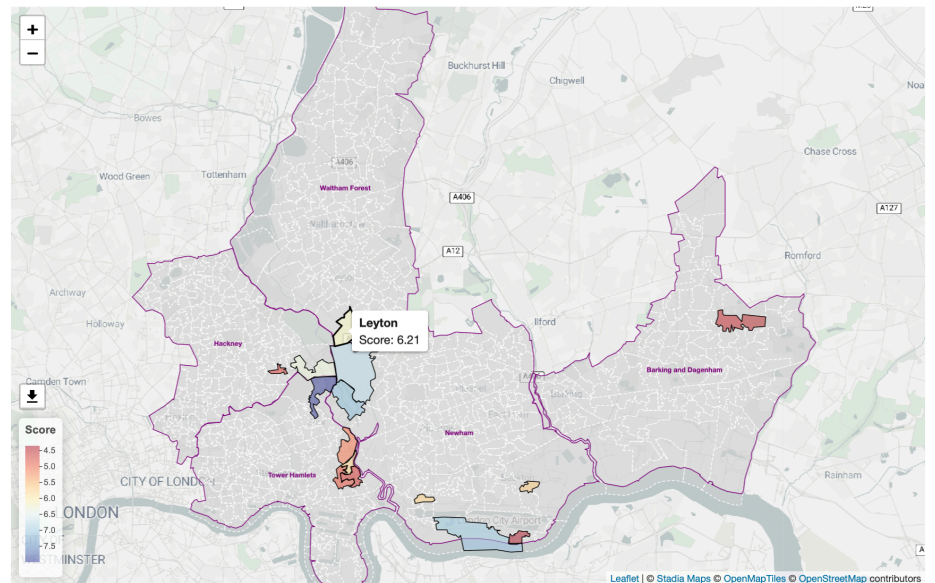
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Select area:

- ☒ Beckton
- ☒ Chobham Manor & East Village
- ☒ Coventry Cross
- ☒ Custom House
- ☒ Fish Island-Sweetwater
- ☒ Gascoyne
- ☒ Hackney Wick & East Wick
- ☒ Heath
- ☒ Leyton
- ☒ North Woolwich
- ☒ Pudding Mill East
- ☒ Silvertown Quays
- ☒ Teviot East
- ☒ Teviot North
- ☒ Teviot West

Select All Deselect All

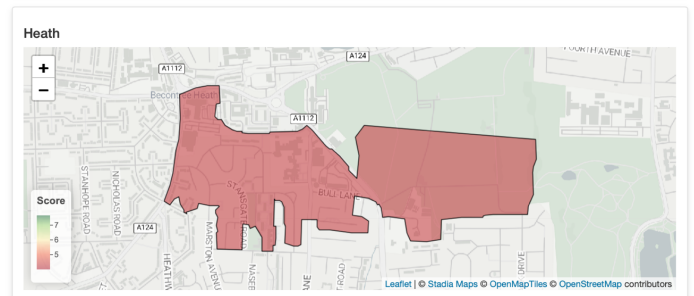
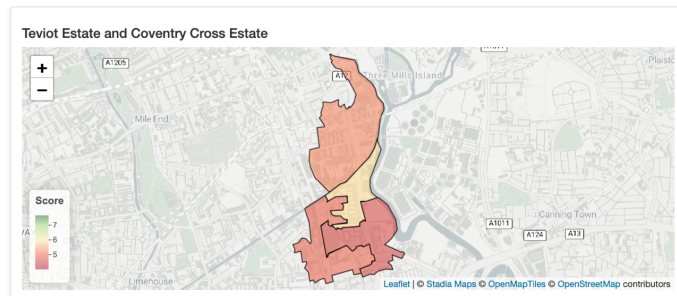
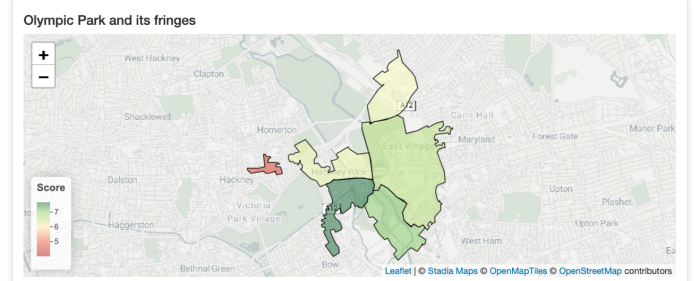
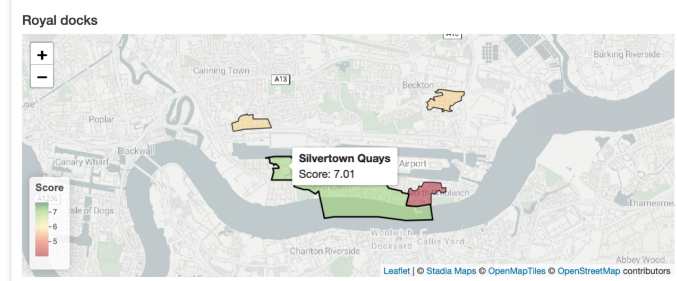
Download Plot



Version 2

Index Scores

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