

# Charlie Homewood



## Personal Info

- 📍 Brighton, East Sussex, UK
- 📞 +44 7307 233382
- ✉️ charliehomewood99@gmail.com
- 🔗 LinkedIn | 🐧 GitHub

## Tools

- 🐍 Python
- 🇷 R
- SQLite

## Project Portfolio

Find all my projects on [GitHub!](#)

### Highlights:

- [Shiny app to visualise football player data using percentile radars](#)
- [\(University\) Exploratory Factor Analysis to produce a novel self-esteem questionnaire](#)
- [\(University\) Analysis of the Open University Learning Analytics Dataset \(OULAD\)](#)

## Presentations

Watch me present!

An Undergraduate's R Journey  
Brighton R  
Oct 2023

## Who am I?

MSc Data Science student with strong academic and vocational experiences, utilising R and Python across a variety of data science tasks. I am capable of solving problems using statistical inference and machine learning techniques, as well as clearly communicating research insights and developing data products to provide valuable decision-making evidence. **Currently seeking opportunities to gain further experience as a data scientist.**

## Work Experience

**Data Analyst | Datacove | Jun 2025 - Jan 2026**

- Developed dashboards using [Shiny \(R & Python\)](#) to visualise ecosystem data for the UK public sector, and for a higher education marketing agency to communicate predictive modelling insights about university applications.
- Conducted [Marketing Mix Modelling](#) for a commercial business premises provider and for a leading fitness and leisure business.
- Performed data cleaning in [R and Python](#) for multiple projects.
- Helped to co-organise and run community events, such as [EARL 2025](#) and [BrightonR](#), [BrightonPy](#) and [LondonR](#) user groups.

**Data Analyst | Aten Consultancy | May 2024 - Aug 2024**

- Used [SQL](#) and consulted with [council departments](#) to develop understanding of various datasets to inform production of a building safety management app to enhance compliance with [the "Golden Thread"](#).
- Used [R](#) to pre-process and clean a large resident contact details data extract, enabling Camden's resident engagement team to gain greater outreach.

**Data Analyst Intern | Datacove | Jul 2023 - Sep 2023**

- Created a training course on logistic regression in [R](#), now part of Datacove's portfolio of commercial training courses.
- Wireframed a dashboard (MS PowerPoint and [Kibana](#)) for detecting website vulnerabilities.
- Optimised Marketing Mix Models in [R](#).

**Project Manager Intern | Mindlab | Jun 2022 - Jul 2022**

- Designed and produced experimental stimuli for a pilot internal research experiment aiming to validate and improve Mindlab's "Findability" measurement tool.
- Produced a summary report of a customer segmentation project.
- Explored viability of incorporating "Social Listening" into Mindlab's measurement tools.

## Education

**MSc Data Science - University of Sussex**  
Sep 2024 - Present

★ Grade: Current Grade Mean - 85.25%

**BSc Psychology with Economics - University of Sussex**  
Sep 2019 - May 2023

★ Grade: 1st Class (Hons)

### Awards:

- The Sage Publications Prize for Outstanding Application of Statistical Methods (2023).