# Charlie Homewood

## ℹ Personal Info

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 charliehomewood99@gmail.com

 LinkedIn |  GitHub

## 🔧 Tools

 Python

Ⓡ R

 SQL

## ✏ Project Portfolio

**Find all my projects on GitHub!**

**Highlights:**

- Something!
- Something else!

## 📢 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 infererence and machine learning techniques, as well as clearly communicating research insights and developing data proudcts to provide valuable decision-making evidence. **Currently seeking opportunities to gain further experience as a data scientist.**

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## 💼 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 mutliple 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).