

LOUIS BROWN

London, UK | Available for remote roles (UK hours) | louistvance@gmail.com | linkedin.com/in/louisbrownmsci

Ex-management consultant with an MSci in Mathematical Physics (First Class, top of year). Two years of experience solving complex operational problems with data across public sector, healthcare, and national infrastructure. Proven track record of scoping opportunities from loose briefs, building practical digital solutions, and managing teams to deliver sustainable outcomes. Now looking for a role in a fast-paced, high-impact environment. Currently building personal code projects and small online services.

WORK EXPERIENCE

Digital Consultant, promoted to Senior Digital Consultant May 2024 - Present
Newton | Public Sector, Healthcare, Local Government, and National Infrastructure

- Led the design, development, and rollout of a machine learning tool for a national infrastructure client, projected to deliver £2.5m in annual savings.
- Worked cross-functionally with technical teams, operational staff, and senior leadership to embed the tool into day-to-day operations.
- Led the data and digital workstream on a local government transformation programme, scoping own role from a loose brief and identifying where digital could drive the most value.
- Designed a new reporting suite in SQL and Power BI, replacing 131 reports (2,000+ views) with 3 focused, action-oriented dashboards for senior leadership. Managed a small team to deliver with a focus on sustainable handover.
- Unblocked 5 AI pilots that had been stalled for over 6 months by setting up light-touch governance, enabling teams to quantify impact and build business cases for wider rollout.
- Scoped and built an MVP simulation model in Python to map resident flow through the care system, enabling leaders to identify bottlenecks and prioritise resource allocation.

EDUCATION

University of Nottingham 2019 - 2023
MSci Mathematical Physics | First Class

- George Green Prize for graduating with top marks in my year.
- Third-year paper on deriving the real time dilation seen in the movie Interstellar.
- Fourth-year paper on string theory solutions to dark energy.

SKILLS

Technical: Python, SQL, Power BI, Excel, Machine Learning, Data Analysis

Professional: Stakeholder Management, Strategy, People Management, Cross-Functional Collaboration

INTERESTS

Distance running, bouldering, and keeping up with developments in maths and physics. Eight years of tutoring maths and science to students aged 11 through to university level. Currently enjoy building personal code projects.