SAM HENDERSON-PALMER

/samhp.rbind.io

Data scientist with a Master's in Applied Statistics (graduated top of cohort) and four years of experience as an analyst in the public and third sector. Expertise in statistics, machine learning, R, Power BI, SQL and Git with a focus on building reproducible, interpretable models and delivering evidence-informed insights to support strategic decision making in health and social care.

Education

MSc in Applied Statistics, Distinction (Ranked 1st in cohort)
University of Strathclyde, Glasgow, UK. 2024.
Faculty of Science Masters Scholarship
Dissertation: Predicting stroke occurrences; a machine learning approach

BSc in Applied Sports Science, 1st Class (Ranked 1st in cohort)
University of Edinburgh, Edinburgh, UK. 2018.

Experience

Intelligence Analyst
Care Inspectorate, Edinburgh, UK. Sep 2022 - Present.
- Built the organisation's first NLP model for predicting care service risk and presented findings at the Scottish Government Data Science Accelerator
- Led the development of Reproducible Analytical Pipelines (RAP) reducing publication processing time by 6 months via DevOps package development practices including unit testing and documentation
- R lead within the intelligence team responsible for training, automating workflows, implementing the transition from SAS to R for the organisation and introducing version control practices using Git and Azure DevOps

Monitoring And Evaluation Officer
Young Enterprise, Remote, UK. Jan 2022 - Sep 2022.
- Automated data cleaning, analysis and visualisation using Power BI, Oracle databases, SharePoint and survey platform APIs, saving the organisation 480 hours of staff time annually
- Led on developing an Evidence Hub, turning large volumes of raw data into insights on the organisations reach and impact for the senior leadership team

Social Prescribing Coordinator
The Wave Project, Cornwall, UK. Sep 2019 - Jan 2022.
- Managed £300k project to research and develop a strategy for children's social prescribing and represented the organisation on national TV for the 2020 BBC Children In Need Appeal show to communicate the project's impact

Physiologist
Nuffield Health, London City, UK. Nov 2018 - Sep 2019.
- Collaborated with teams of doctors, cardiologists, and psychologists to deliver comprehensive health assessments at Nuffield's flagship medical centre