Harry Kelleher

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Experience

Nov 24 – Present   LSE Data Analytics Career Accelerator (FourthRev) – Data Analytics Facilitator

- Lead online training sessions to a cohort of 150 students on Python-based (pandas) data analysis, including data visualisation best practices using matplotlib and seaborn
- Deliver regular 1:1 sessions to help students stay motivated and support their analytical development
- Facilitate community forums by posting, responding to learner comments and driving engagement with the course material
- Review, grade and provide actionable feedback on student assignments
- Use industry knowledge to provide learners with real-world examples to bring course content to life

Jun 24 – Sep 24   Answer Digital – Senior Data Engineer

- Trained junior data engineers in the Data Academy, achieving a 100% pass rate on end-of-scheme assessments and securing onward billable projects.
- Developed a comprehensive PowerBI dashboard to track key business KPIs, such as billable hours, retention, and absences, improving data-driven decision-making by senior management.
- Designed and implemented efficient data pipelines in Azure Synapse, resulting in a 30% reduction in processing time and enhanced logging.

Mar 22 – May 24   NHS Digital – Lead Business Intelligence Developer

- Led the technical migration of the NHS Tableau Estate saving £400K per year for the NHS
- Responsible for end-to-end technical delivery of 25 Tableau products serving 350K users across the NHS
- Subject Matter Expert in Tableau and NHS Data Viz Community Leader – I hosted monthly community of practice events and champion inter-org collaboration leading to 200% community growth in 18 months
- Manager of 5 developers and 2 data engineers; responsible for their technical development, quality of work, and prioritising workload in line with organisational priorities
- Reduced live service incidents by 50% implementing technical standards and quality assurance processes
- Led client engagement for new commissions, including selling, scoping, sizing, identifying risks to delivery and recommending mitigating actions

Aug 21 – Mar 22   NHS Digital – Business Intelligence Developer

- Lead developer of GP Appointments dashboards in Tableau, with 1000 weekly recurring NHS Users.
- Deployed dashboards from testing into production following organisation change protocol and developer best practice, using Tableau APIs, managing version control via a GIT repo.
- Co-developed bespoke pipeline system in Python to transform and load files between AWS S3 locations
- Developed monitoring scripts to alert team to datasource failures in production using Tableau API, and auto-trigger refreshes to ensure latest data is always available for end-users – preventing 3 live service incidents
- Built relationships across the organisation to ensure timely and quality service delivery.

Sep 20 – Aug 21   NHS Digital – Data Science Graduate Trainee

- Led development on the GP Appointments Dashboard Alpha in Tableau using advanced functionality, implemented row-level security to control user access and first of type parameter-based sheet swapping to enhance user experience.
- Automated pipeline to transport large data volumes to AWS S3 via Python using boto3 API. Coordinated with internal teams to define responsibilities and manage dependencies.
- Led re-design of data processing for multiple statistical publications to deadline from SAS to Python, in line with organisational priorities to move towards open-source technology. Responsibilities included allocating work to staff, identifying / managing risks and delivering quality work to deadline.

Sep 18 – Sep 20   NHS Digital – Business Analysis Graduate Trainee

● Led the development of an Outcome Data Infographic giving operational insight to 111 Providers on secondary care outcomes following a 111 call, with national and local views. Languages used: HTML, CSS and JavaScript (using Google Charts API).
● Led engagement of multiple external stakeholders across Urgent & Emergency Care to gather and prioritise user requirements and gain project buy-in from senior stakeholders.
● Product Owner for the NHS Apps Library assessment process: engaged NHS experts across multiple professions to deliver the assessment for health apps approval onto the NHS Apps Library.

Mar 18 – Jul 18   Best Beginnings – Digital Content & Communications Intern

● Led website redesign strategy to improve user interface with goals to increase donor acquisition and online traffic volume.
● Analysed data in Excel from app usage to create weekly reporting for executive team

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Education and Qualifications

Sep 2013 – Sep 2017   University College London

MSci Natural Sciences (Genetics, Environment and Evolution with Policy, Communication and Ethics)

Classification: First (1st) Class Honours

Awards: Provost's Excellence Scholarship for outstanding academic achievement

Sep 2005 – Jul 2012   Dulwich College

A-levels: Chemistry (A*), Biology (A*), Maths (A*)

GCSEs: 11 A* incl. English (A*), Maths (A*)

Tools: Tableau Server, AWS, VS Code, GitHub, Jupyter, DataBricks, Jira, Confluence

Languages: Python, SQL, R   – and Spanish!   **Security Cleared:** expires 16/01/2032

Skills and Achievements

● [Mary Seacole NHS Leadership Academy Award in Healthcare Leadership](#)
● DIY Programmer – built [my own website](#) using javascript frameworks and native D3 visualisations
● Python expert - created web scraper project to pull Premier League transfers into an interactive front-end
● Self-taught professional jazz pianist (with Grade 8 distinction in classical piano)
● Signed artist with UK House Label [Open House Records](#)