# Josh Le Grice – MSc Data Science Student

+44 07354497603 | joshualegrice@gmail.com | Portfolio: https://joshlg18.github.io/PortfolioWebsite/
British | LinkedIn: https://www.linkedin.com/in/josh-le-grice-aa0223261/ | GitHub: https://github.com/JoshLG18

## PROFESSIONAL PROFILE

Ambitious and detail-oriented MSc Data Science student, with an IBM Data Science certification and hands-on industry experience. I excel in fast-paced environments where I can apply advanced analytics and machine learning to deliver actionable insights and measurable business improvements. Eager to contribute to data-driven roles, leveraging my technical expertise, analytical mindset, and commitment to continuous growth to create impactful, real-world solutions.

## EDUCATION

**MSc Data Science | University of Exeter**                                                    *Sep 2025 – Sep 2026*
- **Modules:** Research Project, Introduction to Data Science, Learning from Data, Data Systems, Programming with Python, Machine Learning, Deep Learning, Large Language Models and Applications, Data Governance and Ethics

**BSc Sports and Exercise Medical Science | University of Exeter | *First Class Honours***     *Sep 2022 – Jun 2025*
- **Relevant Modules:** Applied Data Science (75%), Data Science in Economics (79%), Experimental Design and Statistics (75%), Foundations of Biomechanics (75%), Biomechanics and Kinesiology (86%) and Biomechanics of Human Movement (72%)
- **Dissertation:** The Intersection of Machine Learning and Type 1 Diabetes: A Critical Analysis of Machine Learning-Driven Innovations.

**A Levels | Tanglin Trust School** | Computer Science (A*), Biology (A*), Physical Education (A*)     *Sep 2020 – Jul 2022*
**GCSEs | Tanglin Trust School** | 11 GCSEs: 7 at A*, 4 at A                                          *Sep 2018 – Jul 2020*

## PROFESSIONAL EXPERIENCE

**Data Science Intern | Ekimetrics**                                                            *Jun 2025 – Aug 2025*
- Applied advanced data science techniques and marketing mix modelling (MMM) to optimise marketing spend and drive business performance for retail, automotive, and financial services clients.
- Analysed large datasets to identify actionable insights, supporting data-driven decision-making and ROI improvements.

**Academic Tutor | MyTutor**                                                                    *Jan 2025 - Present*
- Deliver personalised GCSE and A-Level tutoring in computer science and various sciences via MyTutor, designing lessons and adapting methods to improve student outcomes.

**Team Member | Mill on the Exe by St Austell Brewery**                                          *May 2024 – Present*
- Working in a restaurant providing various services to enhance the experience of customers. Balancing my shifts along with studies led me to develop strong organisational skills.

## CERTIFICATIONS

**IBM Data Science Profession Certificate**
- Certified by IBM in data science fundamentals for data manipulation and visual storytelling.
- Experience building and deploying a variety of machine learning models.
- Skilled in SQL for querying, data wrangling and database management.
- Trained and ready to leverage data science solutions for business problems.

## PROJECTS

**Portfolio LLM | Python, App Design**
- Developed an interactive LLM-powered application that indexes my CV and project documents, enabling semantic search and natural language Q&A.

**Commercial KPI Dashboard | Python, App Design, PowerBI**
- Built a web-based KPI dashboard during my internship at Ekimetrics. Semi-automated reporting pipeline — from raw data ingestion and cleaning to interactive Power BI dashboards — reducing manual effort and improving decision-making efficiency for commercial teams.

**Credit Risk Analysis Blog Post | Python, Quarto, HTML**
- Conducted credit risk analysis using Python and Quarto, applying logistic regression, random forest, and XGBoost (92.8% accuracy) models to evaluate defaults, model fairness, and estimate causal treatment effects.

**Diabetes Prediction and Machine Learning Analysis | Python/R**
- Created a project on predicting diabetes and determining the most important factors using machine learning through three models. Achieving a 79% accuracy rate.

## ACTIVITIES

- **University of Exeter Touch Rugby 1st Team** (UOETRC) - BUCS Champions 2025          *Sep 2024 – Present*
- **South West Saxons Touch Training Squad**                                           *Sep 2024 – Present*
- **University of Exeter High Performance Rugby Union**                                 *Sep 2022 – Sept 2024*

## SKILLS

**Technical Skills**
- Python (Pandas, Seaborn, Matplotlib, Sklearn, Pytorch, TensorFlow), Spark, R, SQL, HTML, JavaScript, Git, Azure Cloud, GCP, Databricks, VSCode, PowerBI & Microsoft Office

**Core Skills**
- Problem Solving, Communication, Teamwork, Scientific Writing, Critical Analysis, Time Management, Attention to Detail