George Slade

Data Science & Analytics

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🔗 LinkedIn Profile

👤 Data Science Portfolio

📱 07528387373

📍 London, United Kingdom

💻 GitHub Profile

Skills & Tools

- **Programming**: Python (Base, Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Keras, Tensorflow, PyTorch), SQL, MySQL
- **Machine Learning**: Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, k-means, PCA, Association Rule Learning, Causal Impact Analysis, Deep Learning, Computer Vision (YOLO)
- **Other**: Statistics, GitHub, Data Visualisation, MS Office, Tableau, Power BI, Jupyter Notebook, Streamlit, Docker, Snowflake, AWS

Certifications

- Data Scientist (Datacamp)
- Data Science Professional (Data Science Infinity)

Interests

- **Keen Golfer:** Developed strong networking and communication skills, handicap of 7
- **Passionate Writer:** Currently editing my first science fiction novel alongside work and Data Science learnings
- **Kickboxing:** Recently took up kickboxing, working towards my orange belt and beyond

Projects *(Independent)*

Trend Analysis – *Book Publishing Trends Dashboard*
- Utilising data to better understand market trends in book publishing over recent years.
- Identified relevant datasets before cleaning and transforming data using Python. Created a Tableau dashboard to effectively analyse trends in book publishing to inform direction of writing.

End-to-End Data Science – *Meal Subscription Catalogue Insights*
- Cleaned and validated data, pulled preliminary insights from exploratory analysis and developed ML models to accurately predict popular recipes to display on homepage, in line with business requirements.
- Presented recommendations surrounding next steps, from A/B testing of recipe display to integration of model for live predictions of recipe popularity.

Hypothesis Testing – *Assessing Campaign Performance*
- Employed Chi-Square Test of Independence to evaluate whether an expensive delivery promotion was more effective than a cheaper option, helping optimise future advertising spend.

Computer Vision – *One-Stage Object Detection Utilising YOLOv5*
- Applied object detection to better analyse player performance within a football match, producing insightful output mapping player positions, movement statistics and team possession for stakeholder usage in recruitment decisions.

Experience

Schneider Electric Ltd: 2020 – Present

Technical Consultant – Smart Buildings: 2023 – Present
- Key point of contact for consultancies across UK&I, presenting as SME on smart buildings for national and international projects, leveraging data visualisation when required
- Managing stakeholders internally and externally to deliver innovative solutions that fit client requirements
- Working with consultancies to shape specifications to define KPIs within a project to enable successful delivery over project stages

Business Analyst - Software Deployment: 2021 – 2023
- Automated lead generation of software opportunities through custom python scripts, cutting lead time by 90%
- Driving sales through new and existing channels, achieving 2nd highest global revenue across zones during role
- Presenting/reporting regularly to Executive Committee on progress and areas of potential growth

Graduate Trainee – Digital Buildings: 2020 – 2021
- Led placement team in multimillion-pound tender presentation for major life science project.

Bentley Motors Ltd (Undergraduate Placement): 2018 – 2019

Quality Control Scientist
- Quality validation across end-to-end lifecycle of car parts, communicated analysis to technical and non-technical stakeholders across the business, developed key data analysis/visualisation skills for technical reports, congratulated by senior stakeholders for highest quality of reports from any undergraduate.

Education

2015 - 2020: University of Manchester

1st Class Masters - MEng Materials Science and Engineering w/ Interruption Year for Industrial Placement (75%)

Final Year Projects: 74% Research Project & 70% Group Project