

Liam Lloyd Bennett

Computer Science Graduate | Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with 3 years of applied experience in data analytics and machine learning, gained through academic, freelance, and self-directed projects. Skilled in Python, SQL, Tableau, and Power BI, with a strong foundation in statistical modelling, anomaly detection, and data storytelling. Proven ability to build end-to-end data solutions - from data pipelines to predictive models - and translate complex datasets into actionable business insights.

EDUCATION

BSc (Hons) Computer Science - University Of Chester, UK

2021-Present

Graduated with First Class Honours

- Completed multiple data science and machine learning projects using Python, SQL, and data visualization tools.
- Gained practical experience in predictive analytics, statistical modelling, and applied AI.
- Thesis and coursework focused on solving real-world problems with data-driven solutions.

(Award issued under the name Liam Medenica)

KEY SKILLS

Data Analytics: Python, SQL, Power BI, Tableau, Pandas, NumPy

Machine Learning & AI: Predictive Modelling, Classification, Anomaly Detection, NLP, SHAP

Tools & Technologies: scikit-learn, Streamlit, Flask, Git, HTML/CSS/JavaScript

Data Concepts: Statistical Modelling, Feature Engineering, Data Pipelines, Model Evaluation

Business & Communication: Stakeholder Engagement, Data Storytelling, Agile, Team Collaboration

PROJECTS / EXPERIENCE

Fraud Detection Web App

- Developed a fraud detection tool analysing over 6 million transactions using logistic regression and isolation forest.
- Achieved >96% precision in identifying anomalies; prioritized model interpretability.
- Built data pipelines with Pandas and deployed via Flask; visualized results using Plotly and Matplotlib.
- Focused on business value by surfacing actionable fraud signals and reporting via dashboards.

Loan Default Predictor

- Built a classification model to assess borrower risk using decision trees and random forests.
- Designed a front-end app in Streamlit for user data entry and real-time prediction display.
- Integrated SHAP values to explain predictions, improving transparency for stakeholders.
- Created dashboards showing risk segmentation and portfolio-level insights.

Text-to-SQL Converter

- Created an NLP-based tool that translates natural language queries into SQL for non-technical users.
- Implemented transformers, spaCy, and Regex with Flask for API deployment.
- Enabled self-service analytics by democratizing database access through simple language inputs.
- Conducted usability testing and optimized performance on structured query tasks.

WORK EXPERIENCE

Line Cook / Crew Member - McDonald's UK

2018-2021, 2023-Present

- Operated in high-pressure environments while maintaining consistency and accuracy.
- Developed process discipline, attention to detail, and quality assurance – directly relevant to data validation.
- Trained new staff and refined interpersonal skills essential for cross-functional collaboration in data teams.