

Bobby Lo

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SUMMARY

Ex-healthcare and retail worker transitioning into data science role after completing HyperionDev Data Science Skills Bootcamp. Proven over 6 years of experience collaborating in cross-functional teams of 5-20 people. Core skills include data analytics, data visualization, machine learning modelling and deliver actionable insights aligned with computer science and statistics.

SKILLS

Python, SQL, Power BI, Tableau, Excel, Google Sheets, AWS, Microsoft Azure, Google BigQuery, Git, GitHub, TensorFlow, Keras, Scikit-Learn, spaCy, XGBoost, Matplotlib, Seaborn

CERTIFICATION

DataCamp: Data Analyst in Power BI, Data Analyst in Tableau; Microsoft: Train and manage a machine learning model with Azure Machine Learning; Google: Generative AI Fundamentals; AWS: Machine Learning Foundations, Introduction to Cloud 101

TECHNICAL PROJECT

Drink Manufacturing Company Sales Analysis Project (06/2025)

Developed a Power BI sales dashboard for a drink manufacturing company, analyzing regional sales, customer groups, and profit trends, delivering actionable insights through data visualization.

Bank of England Base Rate Forecast Project (04/2025 - present)

Translated economic data into predictive insights with real-world relevance. Build a polynomial regression model to generate daily base rate predictions with Pandas, NumPy, scikit-learn and Matplotlib. Proven successful forecast base rate cut decision before Monetary Policy Committee announcement.

Kaggle Learn Certificate Project (09/2024)

Built a model for the Hotel Bookings project using TensorFlow and Keras framework. Trained the prediction neural network model with 84% accuracy in predicting hotel cancellations after hyperparameter tuning. Designed a SQL query for the Most Popular Programming Language in GitHub project on the Google BigQuery platform.

Data Science Bootcamp Project | HyperionDev 06/2024

Created a Natural Language Processing (NLP) Sentiment Analysis Tool to capture Amazon product consumer reviews using spaCy.

WORK EXPERIENCE

Aldi Stores Ltd | Deputy Manager | London, UK (10/2023 - 08/2024)

Executed a data-driven Bakery Waste Reduction project in the operation team using linear regression. Achieved less than 1% daily pastry food waste through time series data analysis

Honi Poke Ltd | Drinks Team Leader | London, UK (03/2023 - 09/2023)

Built a stock inventory system, analyzing data from 4 stores to provide real-time insights into stock levels and KPIs. This improved efficiency, resolved stock rotation issues, and reduced beverage costs to 30% by spotting consumption patterns.

KDL Beverages Ltd | Store Assistant | London, UK (12/2022 - 03/2023)

Initiated daily sales forecasts using linear regression with real-time data. Achieved a record of 300% sales increase in a single day through strong team collaboration.

Hospital Authority | Diagnostic Radiographer | Hong Kong, Hong Kong (08/2018 - 09/2022)

Visualized organ segmentation in CT images using computer vision feature detection algorithms to assist medical diagnosis. Performed X-ray, CT, DEXA, fluoroscopy examinations for patients.

EDUCATION

Data Science Skills Bootcamp | HyperionDev 03/2024 - 06/2024

MSc in Health Informatics | The Hong Kong Polytechnic University 09/2020 - 08/2022

BSc (Hons) in Radiography | The Hong Kong Polytechnic University 09/2014 - 08/2018