

# Bobby Lo

Email: lowaitungbobby@gmail.com | London, United Kingdom

Linkedin: bobby-waitung-lo | Github: bobby-waitung-lo | Kaggle: lwtbkaggle

## 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)