

ANTHONY KWOK

DATA SCIENTIST

EXPERIENCE

Data Scientist | Kering

03/2022 - 07/2023, Hong Kong

- Managed sales and traffic prediction project for SAINT LAURENT, improved accuracy from 70% to 85%.
- Initiated data anomaly detection project with machine learning tools.
- Designed and maintained multiple BI dashboards with Power BI and Power Platform.
- Collaborated with managers, data team members via Agile.

Data Analyst & Administrative Assistant | Hong Kong Jockey Club

06/2020 - 12/2021, Hong Kong

- Transformed monthly veterinary data analytics report from Excel to Tableau, saving up 70% of report preparation time.
- Implemented regression and time-series prediction on drug & vaccination usage, resulting in 78% of prediction accuracy.

PROJECTS

Data Scientist | SMARTLIST - Used Car Price Prediction

10/2023 - 12/2023, Capstone Project

- Utilized ensemble learning and deep learning to predict the price range of a used car in the North American Market.
- Aimed to provide reference pricing to improve market efficiency.

Data Science Team Lead | BrainStation X Shopify Hackathon

11/2023, Hackathon

- Conducted market research about Shopify.
- Explored AI / ML opportunities in Shopify Ecosystem.

Team Lead | Binary Prediction of Smoker Status

10/2023 - 11/2023, Kaggle Competition

- Predict smoker status based on its bio-signals
- Achievement: 86.12% with neural networks

Project Owner | Mobile Price Prediction with Boosting & Trees

07/2023 - 08/2023, Side Project

- To predict the price range (multi-classification) of a mobile phone with boosting methods and decision tree methods.
- Dataset from kaggle and achieve ~90% of weighted accuracy.

Project Lead | Personalized Algo-Trading in Stock with ML/DL Models

04/2021 - 06/2022, Capstone Project

- Apply machine learning & ensemble learning to classify user's risk and stocks' volatility predict stock prices & make trading decisions.
- Model Performance outperforms "Buy-and-hold" Strategies.

CONTACT

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github.com/anthonymnam

SKILLS

Python, R, SQL, Git, Tableau, Power BI, Regression Analysis, A/B Testing, Boosting, Decision Trees, Clustering, LSTM, Convolution Neural Network, Natural Language Processing, Agile Management, Scrum & Sprint, Docker, Jenkins, Airflow, GCP, AWS

PROFILE

Passionate and astute data scientist with industrial experience helping companies to develop and maintain data science projects on the cloud.

Experience in time series forecasting problems in both retail industries and stock trading.

Open-minded communication with people from the technical team to business executives.

Self-motivated and eager to learn. With a proven track record of Data Science projects.

EDUCATION

BrainStation | Diploma in Data Science

09/2023 - 12/2023, Vancouver, Canada

Hong Kong University of Science and Technology | Bachelors in Data Science and Technology

09/2018 - 06/2022, Hong Kong

- Second Class (I) Honors.
- University Scholarship.
- International Service Trip Director, Rotaract Club.