Yue (Leo) Gao

DATA SCIENTIST

EXPERIENCE

Product Manager | Tenda, Shenzhen, China

JAN 2022- Apr 2022, Internship

May 2022– Dec 2022, Full-time

- Collaborated closely with engineering, production, marketing, and sales teams on the development and release of products. Utilized economic theory and multiple business analytical methods (SWOT) to set achievable annual sale goals and business strategies for the United States and the United Kingdom network devices markets.
- Navigated and located 23000 units of network cards not functioning by database extraction and search skills from sales data. Avoided massive loss in revenues and customer confidence by resourcefully acquiring in-stock sample devices for the engineering team to investigate the root cause of issues and develop an upgrade for a solution.
- Led research initiatives by data scraping extraction and transformation from e-commerce platform and presented a pricing strategy for a new product being put to market with higher performance and specification to challenge high-end markets. Analyzed several leading competitor platforms, identified polarizing patterns successfully going to market and boosted the brand's product reputation

EDUCATION

BrainStation | Diploma, Data Science

Apr 2022 - July 2022, TORONTO, ON

Dalhousie University |

Bachelor of Science, Double Major in Statistics and Economics; Certificate of Data Analytics

JAN 2017 – May 2021, Halifax, NS

- Dean's List: 2021-2022 Fall, 2020-2021 Winter, 2020-2021 Fall
- Scholarship: Dalhousie In-course Scholarship

PROJECTS

Lead coder | Home Credit Default Risk

- Utilize machine learning classification model to identify potential default customers upon processing their applications. Applied and compared multiple classification models (simple and ensemble models) on the business problem. Discuss the topic how resampling methods improve model performance on imbalanced datasets.

Lead coder | Covid Virus Weekly World Trend EDA

- Exploratory Data analysis for covid virus weekly world trend dataset which focus on the topics of relationship among vaccine progress and infectious population and death population. Extended epidemic topics into multiple directions: political environments and economic development.

PROFILE

I am a Self-Motivated and Results-Driven Analyst with certifications in data analytics and hands-on experience in sourcing and assessing various data sources that facilitate data-driven business decisions that drive operational excellence in multiple industries. I will bring a balanced combination of technical skill and collaborative focus that leverages the strengths of multi-disciplinary teams to collectively achieve organizational goals.

Email: yz389086@outlook.com

Phone: 902-237-0806

LinkedIn:
https://www.linkedin.com/in/yuegaoleo0806/

GitHub:
https://github.com/yybrother989

Tableau Public:
https://public.tableau.com/app/profile/yue.gao2004

Data Camp Profile:
https://www.datacamp.com/profile/yybrother1

SKILLS

Python (Pandas, NumPy), R, SQL, Big Data, Cloud Computing (AWS), Version Control (Git), Tableau, Machine Learning (Scikit-Learn), Data Visualization (Matplotlib, Seaborn, Plotly), Statistical Analysis (statsmodel, pingouin), Feature Engineering, Data Clean, Model Tuning, Flask, Deep Learning.

Certificates

Google Data Analytics Certificate
Dalhousie University Data Analytics Certificate
Canadian Security Course (Exam 1)