Song Yang

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PROFILE

I graduated from Lancaster University Management School, which ranks QS122, and QS Top 50 in Business Analytics. Business Analytics is an interdisciplinary major in computers, statistics, and business. I have multiple and excellent skills of data analytics, software engineering, and English with persistent self-learning ability and willpower.

SKILLS

Python ●●●●○
Pandas,Streamlit

Javascript ●●●●○
React,HTML,CSS

R ●●●●○

Excel(VBA) ●●●●○

SQL ●●●●○

Tableau ●●●○○

Machine Learning ●●○○○

CERTIFICATES

Udacity Nano Degree Program
Business Analytics

LANGUAGES

English ●●●●○

Mandarin ●●●●●

EDUCATION

Master, Business Analytics,
Lancaster University Management School
October 2021 – November 2022 | Lancaster, UK
Courses: Operations Research and Prescriptive Analytics, Statistics and Descriptive Analytics, Data Sourcing, Processing and Programming, Forecasting and Predictive Analytics, Intelligent Data Analysis and Visualization

Lancaster University International Study Centre
January 2021 – August 2021 | Lancaster, UK

Computer Science and Software Engineering, MOOC
2016 – 2019

Bachelor, International Business, Qingdao University
September 2012 – June 2016 | Qingdao, China

PROFESSIONAL EXPERIENCE

Mt. Olympus Water & Theme Park Resort,
Operation Assistant
June 2014 – September 2014 | Dells, USA
- Maintaining the cleanliness and order of the amusement park
- Study the corporation's management and culture

Togo Tutor, Coding Tutor-Part Time
2023 | Shanghai
- Instruct students on how to build web apps and analyse data
- Help and assist students in completing projects.

PROJECTS

Polarization Analysis of Online Reviews
This project aimed to analyse the factors influencing the polarization of movie reviews. Using data collected from IMDb's 1 to 10 rating scale, we generated graphs of ratings against several potential independent variables (such as genre and budget) and used linear regression models to explore potential correlations.

BirdsEye's operation optimization and modelling
The project employed approaches of simulation and decision analysis to promote the operation efficiency of BirdsEye company. In addition, a dynamic programming model has been built to optimise transportation costs.

China's Energy Demand Forecasting for the Next 5 Years with linear regression models
The focus of this research is to estimate the socioeconomic factors that could affect energy demands and forecast the energy demand of China in the next five years. The research methods used linear regression models in combination with time series forecasting methods.

Excel sheets converter
A converter made with techniques of Python and Streamit to promote the efficiency of working flows.