Huai-Ting Chen

Email:king606338@gmail.com | Phone:+886938150163 | Linkdin:Huai-Ting Chen

EDUCATION

National Chengchi University   2021-2023

MS Statistics

Relevant courses:Multivariate Analysis, Statistical Simulation, Machine Learning

Dissertation: The relationship between borrower characteristics and loan Performance on P2P lending platforms using machine learning.

Fengchia University   2017-2021

BS Applied Mathematics

Relevant courses: Advanced Calculus, Statistical Methods, Mathematical Statistics

RELEVANT EXPERIENCE AND PROJECT   **project-link**

Financial Big Data Analysis Course TA   **Sep.2022 – Jan.2023**

- Use project-based approach to explain the code flow to students.
- Provide assistance to students in data processing during their final report at the end of the semester to improve their subsequent data processing.
- Explain various machine learning models to enable students to operate and apply them in practice.

IMBD2022(Silver Award)   **Sep.2022 – Nov.2022**

- Made educated guesses about unknown variables by approaching relevant companies during the three-month competition.
- Added crucial variables to the analysis to develop machine learning models.
- Developed machine learning models, which ultimately led to winning the Silver Award.

Airline Satisfaction Prediction(Multivariate Analysis)   **May.2022-Jun.2022**

- Using EDA to observe the proportion of passenger satisfaction with the airline, and identifying which factors have a significant impact on airline satisfaction.
- Using MDS、MCA、Random Forest to observe which items of satisfaction have a stronger correlation with overall passenger satisfaction with the airline.

Exploring Corporate Financial Analysis   **Jul.2021-Aug.2021**

- Conducted a project during the university summer break that involved using financial information of individual companies to perform principal component analysis (PCA) using R.
- Using a correlation heatmap and individual heatmaps to analyze the relationship between each variable and the primary component.
- Identified outstanding companies in various aspects using different scatter plots of primary components.

TECHNICAL SKILLS

- **Programming languages**:Python, R, MySQL
- **Source Control System**: Git, GitHub