Edmond Mui

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Arts in Economics   Graduation: May 2024
Minor in Business   GPA: 3.74/4.00
Relevant Coursework: Economics, Accounting, Finance, Statistics, Calculus, Linear Algebra, Data Science
Awards: Dean's List

PROJECTS

Interactive Movie Analysis App
- Created a Shiny app in RStudio using the Shiny package to create a user-friendly interface
- Leveraged the Tidyverse package to perform advanced data manipulation techniques, utilizing dplyr to efficiently filter results from 1,000 movies for users, and enhancing user experience through insightful data visualization with ggplot

Video Game Sales Analysis
- Conducted exploratory data analysis (EDA) on a video game sales dataset
- Employed Python's Pandas library to execute comprehensive data analysis and manipulation on a dataset comprised of over 16,000 games, and applied Python's Plotly library to create 7 data visualizations and draw insights from the data

S&P 500 Data Analysis and Market Cap Prediction
- Performed EDA on a dataset containing the S&P 500 companies
- Applied Python's Pandas library to carry out thorough data wrangling and analysis on the dataset, extracting key financial insights
- Developed 6 meaningful scatter plots using Pandas and Seaborn to compare the correlation between different metrics within the S&P 500 dataset, uncovering significant trends and patterns
- Implemented a linear regression machine learning algorithm from Scikit-learn to predict market capitalization based on EBITDA from the S&P 500 dataset

Film Budget Impact Analysis and Visualization
- Investigated the impact of budget on film success metrics
- Utilized Tableau to craft 6 insightful visualizations, exploring the correlations between budget and key factors including ratings, Metascore, and net income
- Collaborated with team to analyze findings, problem-solve challenges, and present our insights

EXTRACURRICULAR ACTIVITIES

Cru   **Champaign, IL**
Member   September 2020 – May 2024
- Engaged with small group members in weekly sessions to foster spiritual growth through open communication
- Cultivated strong relationships and camaraderie with fellow organization members through genuine interpersonal interactions

Axis Risk Management Academy   **Champaign, IL**
Member   August 2022 – May 2023
- Contributed to team efforts on risk-related projects, showcasing meticulous attention to detail, strong problem-solving, and communication skills in proposing findings and solutions to project clients
- Received exceptional client feedback for contributions to risk-related research projects, with clients praising the team's innovative solutions and exceptional performance in presenting potential strategies

SKILLS

Languages: English, Cantonese, Mandarin

Programming Languages: Java, Python, R, SQL

Technical Skills: Tableau, Microsoft Office Suite, Git