Dido Chang

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EDUCATION

University of California, Paul Merage School of Business   **Irvine, CA**
M.S Business Analytics   *June 2021*
- GPA: 3.92 / 4.0
- Activity/Awards : MSBA Ambassador, Merage Scholarship
- Relevant Coursework: Machine Learning Analytics, Business Data Management (SQL), Digital Marketing, Supply Chain Analytics

University of California, Los Angeles   **Los Angeles, CA**
B.S, Financial Actuarial Mathematics   *June 2017*

EXPERIENCE

Kaiser Permanente   **UCI, CA**
Capstone Project - 2021 membership growth prediction   *Jan 2021 – June 2021*
- Analyzed the impact of COVID-19 on the membership enrollment by merging outsourced related datasets such as unemployment rate, infection rate and by examining learning the relationship within the dataset (5M observations) in order to determine the important features
- Constructed machine learning models such as Naive Bayes, Logistic Regression with PCA, Decision Tree with Gradient Boosting, and Random Forest. Assessed the performances and the accuracy by training and scaling the data and generated the best model with accuracy of 70%
- Implemented survival analysis to comprehend the customer behavior and the length of their tenures, and accordingly suggested Kaiser to adapt sales efforts on the targeted groups

Project - LA Metro Bike Share (Data Analysis in Python)   **UCI, CA**
Project Leader   *Sep 2020 – Dec 2020*
- Performed descriptive and exploratory analysis that took into account the physics of the phenomena for modeling bike rental demand
- Built models using Poisson regression, linear regression, and logistic regression along with other related sources data such as temperature, windspeed, and humidity derived from weather API
- Provided business insights on marketing strategies and bike-sharing infrastructure development

International Marine Products   **Los Angeles, CA**
A/P & A/R Specialist   *Feb 2018 – April 2020*
- Performed a full cycle of accounts payable. Managed accurate and timely processing payments among 7 branches of up to 3,000 invoices ($10M) per month for large, multi-site organizations
- Executed and recorded all customer (500 accounts) payment transactions - cash, checks, credit/debit cards, ACH payments and bank deposits - approximately amounting to $600,000 on a daily basis
- Participated in month-end closing process by reconciling processed work, verifying entries and comparing system reports to balances

Sky Vision Insurance   **San Marino, CA**
Case Manager   *May 2017 – Jan 2018*
- Completed over 300 life insurance, annuity, and pension cases with a total face value of $50M
- Conducted analysis of complex financial information and led client/prospect financial planning presentations in conjunction with senior team members
- Established customer files, compiled dat and maintained internal processing database to document work activity

SKILLS

- Technical Skills: R, Python, SQL, Tableau, WEKA, SPSS, Basic C++