

LINGLU LI

Las Vegas, NV 89118

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EDUCATION

University of California Santa Barbara

Bachelor of Science in Statistics and Data Science

September 2022 - December 2025

Santa Barbara, CA

TECHNICAL SKILLS

Skill: Data Analysis, Database, Data Collection, Data Visualization, **MS Excel**, LaTeX, Python, Predictive Modeling, MS PowerPoint, R-Language, Regression Models, **SQL, SAS Programing, Tableau**, MS Word

Languages: English, Mandarin, Cantonese

EXPERIENCE

Loan Processor/Business Analyst

United Capital Investment LLC.

November 2024 - Present

Las Vegas, NV

- Assessed applicant data (e.g., credit scores, income, financial ratios) to determine loan eligibility and facilitate the successful closure of 20+ cases, utilizing Microsoft Office Suite (Excel, Word, Outlook) to track applications and ensure data accuracy and consistency.
- Created weekly pipeline reports to identify bottlenecks and improve processing efficiency, helping reduce average turnaround time by 10%
- Collected mortgage rate data from 10+ lenders across 50+ products on a weekly basis; maintained structured reports that informed pricing strategies and product decisions.
- Designed and maintained Tableau dashboards visualizing monthly rate trends and marketing effectiveness for cross-functional teams, delivering actionable insights to real estate agents and loan officers to support client engagement strategies and drive loan origination volume.

Business Representative

Self-Employed

August 2023 - January 2025

Las Vegas, NV

- Acted as a liaison between wholesalers, retail buyers, and small businesses, facilitating connections and driving sales opportunities at major industry events such as MAGIC, CES, and SEMA Las Vegas.
- Promoted small businesses and their products, helping secure over 100 successful business deals and contracts through presenting offerings to convention attendees and key stakeholders.

Private Math Tutor

Self-Employed

January 2023 - Present

Remote

- Provide tailored one-on-one tutoring in Algebra, Statistics, Calculus AB, and Geometry.
- Develop lecture materials and practice problems using LaTeX to create professional, structured resources for students.

PROJECTS

Predictive E-Commerce Revenue Analysis

March 2024 - Dec 2024

- Processed and analyzed 12,330 e-commerce sessions training the model to forecast product revenue, leveraging user engagement metrics to improve accuracy and drive strategic insights.
- Applied logistic regression to identify key predictors; Streamlined data cleaning, processing, and visualization to ensure accuracy and clarity.

Climate Change Research

March 2024 - Sep 2024

- Developed a web application in Shiny to visualize and compare 30 years of global greenhouse gas(GHG) emissions.
- Created dynamic visualizations and comprehensive reports to present GHG emissions and climate change trends effectively.
- Led in-depth data analysis on global GHG emission trends across six continents using R-Studio.

Student Performance Prediction

March 2024 - June 2024

- Conducted a comprehensive analysis comparing MLR, LASSO, and Ridge regression models to predict student performance, achieving an 85% prediction accuracy and identifying key factors impacting academic outcomes.
- Provided insights that improved student final grades by up to 5%, based on key predictors such as study time, attendance, and previous grades.

RELEVANT COURSEWORK

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|--------------------------|-----------------------|-----------------------|-------------------|
| • Design of Experiments | • Linear Algebra | • Probability | • Statistics |
| • Differential Equations | • Methods of Analysis | • Regression Analysis | • Vector Calculus |

