JONATHAN RENOJ

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EDUCATION

University of California, Berkeley   Berkeley, CA
Bachelor of Arts in Data Science - Domain Emphasis in Business and Industrial Analytics   *Aug. 2023 – May 2025*

Los Angeles City College   Los Angeles, CA
Associate of Science in Mathematics, Economics, and Natural Sciences   *June. 2021 – June 2023*

EXPERIENCE

Team Member   February 2023 – August 2023
Noah's New York Bagels   *Los Angeles, CA*
- Made food according to standard recipes with requested changes for customer satisfaction.
- Greeted customers entering store and responded promptly to customer needs.
- Kept work areas clean, organized, and safe to promote efficiency and team safety.

Outreach Ambassador   June 2021 – February 2023
Los Angeles Community College District   *Los Angeles, CA*
- Traveled throughout Los Angeles Unified School District to recruit high school students by presenting at college fairs and community events
- Presented students with information, referrals and assistance accessing resources such as food, housing and financial aid scholarships
- Planned and coordinated events with the Office of Recruitment to host 2000 high school students at Los Angeles City College. I ensured students would be divided into smaller groups based on their intended majors, so that each group could have a tailored campus tour.

Intern   January 2021 – July 2021
ASAP Connect   *Los Angeles, CA - Virtual*
- Analyzed problems related to the effects of COVID-19 and online learning and worked with teams to develop solutions.
- Conducted and led a SRS of 500 high school students all over California. Collected this data
- Created data visualisations and conducted exploratory data analysis on my collected data in order to prepare a research project
- Presented my discoveries to the LA City Council and proposed solutions on how we could reduce these issues.

PROJECTS

Predicting Home Prices in Cook County | *Python, NumPy, pandas, sci-kit learn, matplotlib*   March 2024
- Conducted comprehensive data cleaning and preprocessing to handle missing values and outliers, ensuring data quality for accurate modeling.
- Implemented a Linear Regression ML algorithm using sci-kit learn, utilizing number of bedrooms, restrooms, lot size, and garage size as features.
- Achieved a root mean squared error of $165,641.31 on the test set, demonstrating the model's accuracy in predicting housing prices.

Social Media Survey Analysis | *Python, NumPy, pandas, sci-kit learn, matplotlib*   February 2024 – Present
- Hosted and managed a survey on social media to gather data on participants' responses to current events and the state of the world.
- Created visualizations such as bar charts, line plots, and heatmaps to effectively communicate findings and engage participants
- Conducted EDA on survey data to identify patterns, trends, and correlations, providing valuable insights on peoples' current thoughts
- Utilized Git for version control, uploading project code and analysis notebooks to facilitate collaboration and ensure project reproducibility.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL (DuckDB), HTML, CSS
Developer Tools: Git, VS Code, IntelliJ, JupyterLab/Notebook, Anaconda
Libraries/Frameworks/Software: pandas, NumPy, Matplotlib, Seaborn, scikit-learn, Excel