RICARDO RENDON

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TECHNICAL SKILLS

SQL	Python	Tableau	Power BI	Excel	DAX
R	C++ (OOP)	Power Point	MS Word	Octave	Google analytics

WORK EXPERIENCE

Allstate*, Remote*
Data Analyst   Feb 2021 – Present
- Extracted, cleaned, and explored (ETL) data to provide thorough analysis and presentations based on our client needs.
- Supported the States Team by responding to ad-hoc requests, lead to **gains of up to 500k**.
- Supported agencies in Washington through regulatory changes. Provided analysis which **facilitated agencies to prioritize critical customers.**
- Utilized Python and Power-BI to perform independent analysis that **reduced the decision-making timeline by 33%**.
- Created, modified, and automated Tableau dashboards capable of presenting the development of the business and allowing users to **identify the worst and best segmentations in our books.**

Coop Careers*, San Francisco, CA*
Data Analytics Captain   Aug 2021 - Dec 2021
- Mentored recent graduates in SQL, Python, Tableau, and Excel to prepare them for entry-level data analytics roles.
- Managed a team of professional young graduates on their first client project.

Data Analytics Apprenticeship   Aug 2020 - Dec 2020
- Apprenticeship focused on: SQL, Tableau, Google Analytics, Excel.
- Analyzed bike-share dataset from Lyft 2017-2020. Identified trend and seasonal components. Forecasted the number of rides and determined an expected loss of at least 8 million dollars of revenue due to COVID-19.
- Constructed visualizations and proposed suggestions on Doordash rides dataset. Created dashboards capable of detecting malicious activity, beneficial for making deployment decisions, and explanation of missing data.

Bioventures*, Davis, CA*
Data Analytics Intern   July 2020 - Aug 2020
- Tasked with cleaning and organizing excel datasets. Designed a reusable Python script to restructure the original file.Converted unstructured dataset to a well-defined format capable of creating reports and visualizations.
- Initiated the relocation of an excel database to Microsoft SQL Server which resulted in having an efficient way to store and retrieve information. In addition, built a web interface utilizing Python to connect and store new records which resulted in preserving the data integrity of the database.
- Took the initiative to create a data analysis dashboard to monitor KPI. Presented a data analytics report which resulted in a better understanding of metrics such as most valuable customers, lost clients, allocation of resources, and revenue.

Additional experience: Intern "Launchpad" (July 2019 - Sept 2019); Lift Scanner "Breckenridge Ski Resort" (Dec 2015-Jan 2016).

EDUCATION

B.S. Statistics, University of California, Davis, CA   June 2019
Minor: Computer Science

UNDERGRADUATE PROJECTS

- ***Profitable Loans:*** Determined viability and return on banking loans using data exploration and variable selection. Python
Outcome: Achieved 92% cross-validation accuracy by applying logistic regression, KNN [K-nearest neighbors], random forest, and neural network on the acceptance of a profitable loan. Obtained an average error of 1.024 for the estimated interest rate.
- ***Instagram app:*** Developed front-end and back-end app similar to Instagram.
Outcome: Selected best KPI to track the performance of the app. Performed A/B testing to improve the appearance of our app (coding language: Python, React Native, Firebase)
- ***Craigslist web scraper:*** Web scraped Craigslist to obtain data on Sacramento's house rentals.
Outcome: Utilized logistic regression, KNN, RFE (Recursive Feature Elimination) to predict the location of houses and achieved 65% accuracy of prediction of the location vs. 17% for random guessing. Utilized regression to predict renting prices and obtained an average error of $200. Adaptable code for any location inside the U.S (coding language: Python)

LANGUAGES: English and Spanish

Additional coursework: Oct 2019 - April 2020
-**Coursera**: Machine Learning, Deep Learning Specialization, Applied Data Science Python Specialization.
-**Udemy/Udacity**: Data Engineer Nanodegree, The Ultimate MySQL Bootcamp
Certifications: **Google Data Analytics Professional Certificate**   Nov 2021 - Present