

JASON DO

Data Analyst | Jasondo082@yahoo.com | (626)-372-0969 | [LinkedIn](#) | [GitHub](#) | El Monte, CA

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, SciPy, Scikit-learn, SQLite3, BeautifulSoup), SQL

Data Visualization: Excel, Google Sheets, Tableau, Looker Studio, Matplotlib, Seaborn, Folium

Others: Excel, Google Sheets, VLOOKUP, Pivot Tables, Statistical Analysis, A/B Testing, Data Cleaning, Data Mining, Data Manipulation, Data Visualization, Machine Learning

PROJECTS

Canadian Data Science Jobs Analysis | [GitHub](#)

- Data analysts, business analysts, and general analysts 10x more in demand than data engineers and data scientists
- Across all web platforms there is a 10x demand for senior roles than middle and entry-level roles
- Average salary for a data science career in Canada can range from 65k to 85k
- About 50% of all job posters are expecting candidates to have experience in SQL querying

Nurse Staffing Analysis | [GitHub](#)

- Discovered the total contractor market for nurses only consists of about 3% market share of the total nursing market
- Detected a market discrepancy between CNA and LPN roles assessing a possible 9x increase in the CNA contractor market
- Uncovered the top 10 states in daily facility residents comprised over 96% of the total daily residents of the US

Credit Card Fraud Machine Learning Model | [GitHub](#)

- Administered 4 different machine-learning models to find the best model to detect fraudulent credit card transactions
- Identified the random forest machine learning model as the optimal model with a 0.999365 accuracy score
- Implemented a sanity check, which the random forest model passed, reinforcing its position as the best model to detect fraud

Secondary Market Automobile Sales Analysis | [GitHub](#) | [Web App](#)

- Designed API with 7 different metrics visuals derived from the 5 most observed consumer questions when purchasing a vehicle
- Structured the web application interface to a minimalistic diagram for ease of user understanding across all demographics
- Constructed a customer interactive segment to compare 2 car manufacturers to enhance customer engagement on the app

WORK EXPERIENCE

Freelance Data Analyst

May 2024 – Current

Self-Employed | Remote

- Built real-time reporting infrastructure using Excel, SQL, and Python to identify customer trends in e-commerce sales data to improve data-driven marketing strategies leading to a 4% increase in customer conversion
- Utilized Python to clean raw files to reduce data usage by up to 20% by removing redundant and unusable data
- Interpreted information-dense data into organized self-updating outlines and visuals saving clients 10+ hours for each use

EDUCATION

University of Redlands

Redlands, California

Bachelor of Science, Business

GPA: 3.637

TripleTen School of Data Science

Remote

Data Analytics Professional Training Program | [Certificate of Completion](#)

CERTIFICATIONS & LICENSES

Tableau: Tableau Desktop Specialist | [Certification](#)

Coursera: IBM Data Analyst Professional | [Certificate](#)

Google Analytics Academy: Google Analytics for Beginners | [Certificate of Completion](#)

SOLIDWORKS: CAD Design Associate | [Certification](#)