Bryan Gonzalez

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https://b-ryan-g.github.io/webportofilio/

Education

University of California, Irvine | *Bachelor in Business Economics* Irvine, CA

Relevant Coursework: Computational Economics, Business and Accounting Principles, Statistics, Machine Learning, Database Management and SQL, Financial Investments, Google Data Analytics Certificate

Skills

Analytical tools and frameworks: Tableau, Advanced Excel, Matplotlib, Pandas, NumPy, TensorFlow, Matplotlib, Seaborn, Scikit Learn

Programming Languages: SQL, Python, R, HTML, CSS, Javascript

Work Experience & Projects

LA Premium Goods LLC 1/2022 – 5/2023

- Used Excel and Python to clean data, removed thousands of duplicates, errors, and missing fields prior to analyzing data.
- Utilized Excel and SQL to analyze prior sales data and develop inventory optimization strategies, resulting in an 11% decrease in excess inventory and a 15% increase in sales revenue.
- Leveraged SQL techniques to identify cyclical sales trends in prior sales data, managed to reduce inventory and saved the company around $25,000 in 2022.
- Utilized Excel and Matplotlib to create visually compelling dashboards and charts that effectively communicated complex analytical results to non-technical stakeholders.

Craigslist Car Listings Analysis 11/2022 – 12/2022

- Utilized BeautifulSoup to scrape car sale information from tens of thousands of listings on Craigslist.
- Used Python libraries such as Pandas and Numpy to extract key features of cars including year, make, model, mileage, price, and location.
- Analyzed thousands of listings using Pandas dataframes to identify trends and patterns such as which cars were the most common/popular.
- Created visualizations of the data using Matplotlib to aid in the analysis and communicate the results.

AirBnB Prices in the U.S. Analysis 5/2023 – 6/2023

- Analyzed a dataset composed of 200,000 entries that displayed important AirBnB information such as price, location, and room type.
- Used Python such as Pandas and Numpy libraries to find out interesting information such as the top 3 cities with the most listings and the average AirBnB price in a city.
- Used seaborn and matplotlib to display findings in an easy to understand manner to show the results of my analysis such as showing the most popular room type listings.