Alex Pensotti

DATA ANALYST INTERN

Profile

Information Science student with 3 years of experience in Python, SQL, Jupyter, and Tableau, who has drafted market reports, managed IT projects for a small team, and critically analyzed city statistics. Knowledge of APIs, Pandas, Seaborn, Big Data, Logic, and Statistical Analysis. Utilizes the growth mindset to learn from challenges and grow as an individual.

Education

Information Science B.S., University of Colorado at Boulder

DECEMBER 2024

Business Minor, University of Colorado at Boulder

DECEMBER 2024

Experience

Market Analysis Project, University of Colorado , Boulder, CO

NOVEMBER 2022 — DECEMBER 2022

- Used SQL to parse through 50,000 reviews to determine potential opportunities in several industries, providing a high-level analysis for customers to make entrepreneurial decisions.
- Utilized Tableau's custom SQL feature to create robust datasets for further analysis.
- Created a Tableau story using dashboards and various visualization techniques, such as live maps and line graphs, to present the market data in a manageable and understandable manner.
- Employed sentiment analysis on thousands of reviews using VADER.

City Analysis Project , Personal Project , Boulder, CO

SEPTEMBER 2022 — OCTOBER 2022

- Collected, Analyzed, and Presented crime, unemployment, and population statistics for Denver, CO and Jacksonville, FL to determine where to move after college.
- Called the Labor Statistics API using json.dumps.
- Used Pandas to create data frames from APIs and CSV files.
- Visualized the data using Seaborn's catplot and lineplot, making patterns easy to understand.

Information Technology Intern , Serve Hope International , Remote

JANUARY 2022 — MAY 2022

- Managed Shopify and Squarespace websites, while also implementing Google Analytics Tracking ID & GA4 Measurement IDs.
- Set-up two weekly meetings with Google Meet and reported weekly updates and potential issues, this created an environment for clear and focused communication.
- Helped create Ad campaigns using Google analytics and managed communications with Google's Non-Profit team, generating over 1200 impressions.
- Generated hundreds of impressions using google analytics.

Details

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Skills

Tableau

Adobe Creative Cloud

QT Designer and PyQT6

Python and SQL

C#

Teamwork

Italian

Hobbies

Skiing
Playing Guitar
Coding Projects
Photo and Video Editing
Video Games