ANDREW VANG   DATA ANALYST

✉ andrw.vang@gmail.com   GitHub   LinkedIn   🌐 Portfolio

SUMMARY

Business Intelligence Developer adept at analyzing complex data to identify trends and anomalies. Experience designing end-to-end solutions encompassing data analysis, databases, websites, and software products for established corporations.

SKILLS

LANGUAGES	WEB PROGRAMMING	ANALYTICS	DATABASE MANAGEMENT
JavaScript	HTML/CSS	Data Modelling	Data Normalization & Warehousing
PHP	JavaScript	SQL, MySQL	ETL, Product Development
Python	PHP	Pandas, Numpy	Oracle, SQLServer, Postgres
		Power BI	Azure, AWS

EXPERIENCE

Business Intelligence Developer | BUI Nails Lounge | Lincoln, CA | March 2023 - Present

- Drove $240,000 in additional annual revenue by providing data-driven insights through SQL, Python, and Power BI to guide critical business decisions.
- ***Reported directly to CEO***: Analytics lead for designing and developing transaction dashboard providing rich visual summary of daily purchase patterns using Power BI. Enabled data-driven decisions by board of directors.
- Developed and implemented a SQL database to store customer and sales data, skillfully querying and analyzing data to deliver valuable insights that drove critical business decisions.
- Utilized natural language processing in Python to analyze reviews, resulting in revenue growth and superior customer experiences.
- **HIGHLIGHTED PROJECTS:**
- **Automated HTML emails**
    - Created and automated aesthetically pleasing email campaigns with Python that delivered a 20% lift in open rates.

Senior Office Assistant | Sacramento County | Sacramento, CA | March 2023 - September 2023

- Streamlined data management and enhanced healthcare efficiency by utilizing SureScripts to import over 4,000 inmate medical records into AthenaHealth.
- Optimized workflow and improved departmental efficiency by efficiently leading the scanning of 10,000 inmate medical records monthly, including Epic Documentations.
- Independently improved data processing by decreasing scanning run time for inmate medical records by 25% through analysis and refinement of workflows.

PROJECTS

Business Sales Performance Dashboard

- Developed interactive Power BI dashboard analyzing sales data from 2014-2017 to identify trends, optimize discounts, and increase profits by leveraging insights on sales performance, best-selling products, and year-over-year metrics.

Python Automation: Automate Data Entry

- Engineered a Python script to enable automated workflows, error prevention, and optimal efficiency to enhance productivity and ensure accurate data management

Natural Language Processing: Sentiment Analysis

- Utilized Python's NLTK library to perform sentiment analysis of hospital reviews, accurately categorizing them as positive, neutral or negative through algorithmic modeling.

Healthcare Dashboard Website

- Designed interactive healthcare dashboard website with HTML, CSS and JavaScript, hosting Power BI visualizations of patient and medicare payments data.

CERTIFICATES

AWS Solutions Architect - Associate   *In Progress*