Data Analyst/ Business Analyst

JONATHAN A. GUEVARRA

+639760588894 | jonathan.guevarra2600@gmail.com
https://www.linkedin.com/in/jonathan-guevarra-ab9b50315/
https://github.com/Asdf123ah
https://jonathantheanalyst.github.io/
San Pablo City, Laguna

Skills

- Data Analytics
- Data Visualization
- SQL (SQL Server, MySQL, PostgreSQL)
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Tableau
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Microsoft Power BI

Projects

Automating Crypto Data Pull using Python - Personal Project **August 2024**
- Set up a free CoinMarketCap account and utilized their API to pull real-time cryptocurrency data.
- Saved the API data into a CSV file, then transformed it into a usable format for visualization.
- Created a line graph to analyze and visualize the cryptocurrency with the highest market change over various time frames (1 hour, 24 hours, 7 days, 30 days, 60 days, and 90 days).

Data Cleaning and Exploratory Data Analysis using Pandas - Personal Project **August 2024**
- Cleaned and standardized dataset columns, filtered rows to retain only relevant data, and checked for null values using describe and info methods.
- Utilized Seaborn to create a heatmap for visualizing correlations and grouped data for further analysis.
- Generated a heatmap and line graph to illustrate trends and patterns in the cleaned data.

Web Scraping Project using Python - Personal Project **August 2024**
- Scraped data from Wikipedia on the largest companies in the world by inspecting and extracting table data from the website.
- Converted the extracted table data into HTML format using Python for intermediate processing.
- Collected and stored the data into a new CSV file for further analysis and use.

Survey Data Analysis using Microsoft Power BI - Personal Project **August 2024**
- Transformed and standardized columns in the survey dataset using Power BI, including splitting columns by delimiter for better usability.
- Created diverse visualizations such as stacked bars, gauges, and donut charts to represent survey insights.
- Developed comprehensive dashboards by combining these visualizations for an interactive and informative data presentation.

Seattle Airbnb Data Visualization using Tableau - Personal Project **August 2024**
- Analyzed nearly 24 million rows from the Seattle Airbnb Open Data dataset, joining data across three sheets in **Tableau**.
- Cleaned and standardized the data for accurate analysis and visualization.
- Created various visualizations, including maps, bar charts, and line graphs, and combined them into interactive dashboards.

Bike Sales Analysis using Excel – Personal Project **August 2024**
- Cleaned the "bike sales" dataset by removing duplicates and standardizing data and columns.
- Created **pivot tables** and charts to analyze sales trends and key metrics.
- Developed interactive dashboards with slicers to enhance data exploration and insights.

Exploratory Data Analysis – Personal Project **August 2024**

- Analyzed the "layoff-dataset-2022" from Kaggle using **MySQL** to uncover trends and patterns in layoff data across industries and regions.
- Created summary tables to visualize layoff distributions, trends, and key statistics.
- Produced detailed tabular reports highlighting insights and correlations from the data.

MySQL Data Cleaning Project – Personal Project   **August 2024**

- Removed duplicate entries, standardized data formats, and addressed null or blank values using **MySQL** on the Layoffs Dataset 2022.
- Cleaned and streamlined the dataset by removing unnecessary columns and ensuring data consistency.
- Documented the data cleaning process and validated the results to enhance dataset quality and usability.

Work Experience

Student Intern (OJT)   **December 2023 - April 2024**
Laguna State Polytechnic University - San Pablo City Campus

- Developed responsive and visually appealing user interfaces using Next.js, React, and Shadcn UI components for a web-based archiving system.
- Assisted in the development and implementation of a web-based archiving system for college-wide use.
- Collaborated with team members to implement responsive and user-friendly interfaces using React components.
- Conducted user acceptance testing and gathered feedback to improve system functionality and usability.
- Implement fixes or workarounds, ensuring thorough testing to validate the resolution.

Education

Laguna State Polytechnic University – San Pablo City Campus   **2020-2024**
Bachelor of Science in Computer Science Major in Intelligent Systems
San Pablo City, Laguna, Philippines

Certifications

Data Analytics Bootcamp	**August 2024**
Mikrotik Bootcamp 2024: MTCNA Certification	**June 2024**
13th EdukCircle International Convention on Engineering and Computer Technology	**April 2023**
Cisco Networking Academy: Introduction to Cybersecurity	**January 2023**
Cisco Networking Academy: Cybersecurity Essentials	**January 2023**
Y4IT 2022 - Youth Congress in Information Technology	**November 2022**
The Essentials of Machine Learning	**February 2021**
Youth for Information Technology	**December 2020**