Data Analyst

JERIL ALBI

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Kochi, Kerala, India

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- AWS (Lambda, S3, EC2)
- Microsoft Power BI
- Web Scraping

Projects

MARKETING ANALYSIS – Personal Project – Kerala, IN
May 2025

- **Cleaned** and transformed marketing campaign data using **SQL** queries to remove duplicates, handle nulls, and standardize data formats for accurate analysis.
- Performed **sentiment** analysis on customer reviews using **Python** (**NLTK**) to classify feedback and identify trends in customer perception.
- Developed interactive **Power BI** dashboards to visualize **KPIs** such as customer engagement, campaign performance, and sentiment distribution.
- Created multiple **DAX** formulas in Power BI for custom metrics, time-based calculations, and performance comparisons across marketing channels.

ELECTRONICS SALES ANALYSIS – Personal Project – Kerala, IN
April 2025

- **Cleaned** and analyzed sales data using **SQL** to prepare for product and combo analysis.
- Discovered best-selling product combinations using SQL **joins** and **grouping**
- Conducted exploratory data analysis (**EDA**) in **Excel** using **pivot tables** and **charts** to analyze revenue trends, product performance, and seasonal variations.

Work Experience

GOOGLE MAP SCRAPING – Freelance – Canada
December 2024

- **Scraped** business data from Google Maps using automated scripts to collect details like name, address, and contact.
- Handled dynamic content and pagination using tools like **Puppeteer** for efficient data extraction.
- Stored and cleaned scraped data in **Excel** format for further analysis and client delivery.

GERMAN WEBSITE EXTRACTION – Freelance – Germany
December 2024 - January 2025

- Developed a **Puppeteer**-based web **automation** script to **crawl** and extract metadata from German blog websites.
- Integrated the SimilarWeb **API** to programmatically fetch and filter sites with monthly traffic over 1,000.
- Identified and listed inactive blogs with no updates for over a year.

MOBILE APP ENGINEER INTERN – Centrric – Kerala, IN
April 2022 - May 2022

- Contributed to a **Flutter**-based parenting app as part of the development team by building two UI screens and implementing responsive layouts.
- Worked on bug fixes and feature enhancements in the chat section, integrating and troubleshooting Firebase for real-time messaging functionality.

Education

BACHELOR OF VOCATION IN SOFTWARE DEVELOPMENT & SYSTEM ADMINISTRATION
Mahatma Gandhi University – Kerala, IN
March 2024
Majors: Software Development, Database, SQL, Data Structures, Data Warehousing