Data Analyst/ Business Analyst

RODOLFO GARZA MAYA

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Monterrey, Nuevo León

Skills

- SQL (MySQL)
- Python (Pandas, NumPy, MatPlotLib, BeautifulSoup)
- Tableau
- Excel (XLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI (DAX, API, Power Query)

Projects

DATA CLEANING IN SQL – Personal Project – Monterrey, Nuevo León
Led a comprehensive data cleaning project in SQL, demonstrating proficiency in identifying and rectifying inconsistencies, duplicates, and missing values within a large dataset. Implemented optimized queries and transformation processes, resulting in enhanced data quality and facilitating more accurate analytics.

DATA EXPLORATION IN SQL – Personal Project – Monterrey, Nuevo León
Executed a COVID-19 data exploration initiative using SQL, leveraging complex queries to analyze and extract valuable insights from a COVID-19 Dataset. Employed statistical techniques to uncover trends, patterns, and global variations, contributing to a deeper understanding of the pandemic's impact on different countries.

DATA CLEANING IN PYTHON USING PANDAS – Personal Project – Monterrey, Nuevo León
Led a data cleaning project in Python using the pandas library, adeptly addressing data inconsistencies, outliers, and missing values. Applied advanced techniques for data manipulation and transformation, significantly improving the quality and reliability of the dataset for subsequent analysis and modeling.

POWER BI DATA PROFESSIONAL SURVEY BREAKDOWN – Personal Project – Monterrey, Nuevo León
Leveraged Power BI to create a dynamic and insightful dashboard using a dataset from a data professional survey, providing actionable visualizations. Transformed raw survey data into a compelling narrative to show key trends on the data industry job market.

TABLEAU AIRBNB – Personal Project – Monterrey, Nuevo León
Developed an impactful Airbnb location analysis dashboard utilizing Tableau, showcasing the optimal rental locations per zipcode. Integrated data visualization techniques to present key insights, empowering users to make informed decisions on property investments and capitalize on high-demand areas within the Airbnb market.

Education

BACHELOR OF SCIENCE IN BUSINESS – Tecnológico de Monterrey – Monterrey, Nuevo León
Earned a Bachelor of Science in Business degree, demonstrating a robust foundation in analytical thinking, problem-solving, and scientific methodologies. Developed a diverse skill set, combining theoretical knowledge with practical applications, laying the groundwork for success in various professional and scientific domains.

Internship

CEMEX GO DEVELOPER CENTER: STUDENT COMMUNITY – Cemex – Monterrey, Nuevo León
Successfully completed a dynamic internship at CEMEX, where I utilized Power BI to analyze and visualize critical business metrics, providing actionable insights for strategic decision-making. Implemented data-driven dashboards that enhanced operational efficiency and facilitated a comprehensive understanding of key performance indicators within the company.