DANIEL QUERALES
Entry-Level Data Analyst

SKILLS

- **Programming**: SQL & Python (ex: Pandas, NumPy, Scikit-learn & Matplotlib).
- **Data Visualization**: Google Data Studio, Tableau & Power BI.
- **Tools**: Excel, Git, Spark, Flask, AWS & Microsoft Azure.

PROJECTS

Data Exploration: Two years of COVID-19 - View on GitHub

- Interpreted successfully the data from the COVID-19 dataset to explore the development of the pandemic.
- Utilized MySQL to identify the values of total cases, total deaths & people fully vaccinated.
- Built a dashboard in Tableau Public to report findings, including key metrics.

Predicting Stock Prices with Linear Regression - View on GitHub

- Predicted Tesla (TSLA) stock historic prices using a linear regression model to identify trends.
- Explored prices (adjusted close, volume, market cap, volatility) with Python tools like Pandas, Numpy and Plotly.
- Achieved 98% in R2-Score using the model with test values.

Sales Analysis: Electronics Store - View on GitHub

- Performed an analysis of the sales records from a retail to identify opportunities to increase revenues.
- Merged multiple files into a single CSV, transformation from multiples dates formats and data cleaning operations.
- Extracted insights about the best products sales, the best months for sales, products often sell together and most frequent hour for sales.

Web API deployment: Sentiment Analysis- View on Github

- Developed a text classifier model for sentiment analysis of movies reviews to reduce human intervention.
- Vectorized the text reviews for their use by the SVC classifier model, then created a pipeline to automate the input prepossessing to increase accuracy performance.
- Deployed an API with the model to be used by HTTP requests.

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EDUCATION

Engineer's Degree in Electrical Engineering | 2008-2019
Universidad Central de Venezuela
Mention in Electronics, Computer Science and Control Systems.

WORK EXPERIENCE

Freelancer | 2019-2022
Hardware Description, Numerical Methods and Control Systems.

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