DANIEL QUERALES
Entry-Level Data Scientist

An Electrical Engineer (with a major in electronics and computer science) with a background in maths, probability and statistics looking for an entry level data science position. Familiarized with languages like R, Python and SQL; tools like Git, Flask, Spark, Tableau, Google Data Studio, Excel and Power BI; also some knowledge with cloud platforms like Microsoft Azure and AWS. Experienced with data activities like cleaning, transformation, analysis, modelling, prediction and visualization.

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 Website

- 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 a HTML forms.

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
Data Science, Hardware Description, Numerical Methods and Control Systems.

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