

Carlos J. Fuentes

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Summary

Data analyst with experience in Python, SQL and Java, as well as data software including Excel, Power BI, Tableau, VS Code, and Streamlit. Skilled in data cleaning, manipulation, visualization, and machine learning. Seeking a position where I can leverage my technical and analytical abilities to drive business decisions.

Education

University of Maryland Global Campus

Bachelor's Degree - *Data Science*

Adelphi, MD

Graduation - Fall 2023

Anne Arundel Community College

Associate's Degree - *Computer Science*

Arnold, MD

February 2018 - December 2021

Experience

Maryland Auto Insurance

Baltimore, MD

Business Analyst Internship - *Remote Work*

January 2023 - April 2023

- Conducted trend analysis, project management, and report creation utilizing advanced proficiency in SQL, Excel, Power BI, and Python data analysis tools.
- Performed ad-hoc reports and requests in excel.
- Provided data analysis support to various departments within the organization in a remote environment, reporting directly to the Business Analyst and Chief Information Officer.
- Added data visualization tools within the existing weekly report, providing stakeholders with clear and concise data insights.
- Designed and implemented data pipelines using Oracle SQL Developer to map data fields for automated insurance mailers, resulting in a reduction in mailing errors.
- Developed an ML model with a user-friendly interface using Streamlit, Python, Pandas, and Scikit-learn that predicts a producer's classification rank for producer performance reviews.
- Predicted the number of new business and re-write applications for producers using an interactive linear regression model in Python, with visualization and accuracy score, utilizing scikit-learn.
- Developed a Python program to automate weekly report queries for data processing and analysis, resulting in a more efficient and automated report generation process.
- Programmed a streamlined web application to effortlessly visualize weekly reports, improving accessibility and usability of the reports for stakeholders.

Technical Skills

Programming Languages: Python, SQL, Java

Data Software: Excel, Power BI, Tableau, VS Code, Streamlit

Technical Skills: Data Cleaning, Data Manipulation, Data Visualization, Machine Learning

Resources

SQL Projects: <https://github.com/cjfuentes-datascience/SQL-PROJECTS>

Python Projects: <https://github.com/cjfuentes-datascience/PYTHON-PROJECTS>

Power BI Projects: <https://github.com/cjfuentes-datascience/POWER-BI-PROJECTS>

Tableau Projects: <https://github.com/cjfuentes-datascience/TABLEAU-PROJECTS>