

Carlos J. Fuentes

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Skills

Programming Languages: Python (Pandas, Numpy, Plotly), SQL (Oracle SQL, BigQuery, MySQL)

Data Software: Excel, Power BI, Tableau, Visual Studio

Technical Skills: Data Cleaning, Data Engineering, Data Visualization

Experience

MARYLAND AUTO INSURANCE

Baltimore, MD

Business Analyst Internship

January 2023 - April 2023

- Developed Python program to automate weekly data report queries from Oracle SQL Developer.
- Utilized advanced proficiency in SQL, Microsoft 365 Suite (Excel, Power BI), and other data analysis tools to conduct trend analysis, project management, and report creation.
- Reported directly to the Business Analyst and Chief Information Officer, providing support through data analysis to various departments within the organization.
- Assisted in the formulation and definition of systems scope and objectives through research and fact-finding.
- Analyzed business and user needs, documented requirements, and revised existing system logic as necessary with management guidance.
- Considered the business implications of technology and proposed, created, and maintained measurement and monitoring methods for workflow processes and business results.
- Managed competing resources and priorities to ensure timely completion of projects.

TAYLOR PROPERTIES

Annapolis, MD

Marketing/Sales

March 2018 - July 2022

- Successfully managed Excel spreadsheets to track and report on qualified lead sources.
- Tracked business processes through Google analytics.
- Generated 100 online real estate leads per month using Google Ads and Facebook Ads.
- Social media marketing to gather organic online leads on YouTube/Instagram.
- Consulted with clients on market conditions and financial qualifications.

Education

UNIVERSITY OF MARYLAND GLOBAL CAMPUS

Adelphi, MD

Bachelor's Degree - *Data Science*

Graduation - Fall 2023

ANNE ARUNDEL COMMUNITY COLLEGE

Arnold, MD

Associate's Degree - *Computer Science*

February 2018 - December 2021

Resources

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

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

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

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

Projects

BUSINESS METRICS FOR MINEBLOCKS

SQL Project

- Develop Key Performance Indicator (KPI) health metrics.

- Assembled the Daily Average Revenue Per Purchasing User (ARPPU).
- Computed the Daily Average Revenue Per User (ARPU).
- Performed 1 Day Retention query to define the number of players who played again.

MULTIPLE LINEAR REGRESSION MODEL

Python Project

- Developed a multiple linear regression model using an insurance dataset to predict insurance charges.
- Utilized scikit-learn and Pandas libraries to load and analyze the insurance dataset
- Split the data into training and testing sets.
- Plotted the predictions against the true values to evaluate model performance.
- Demonstrated skills in machine learning and data visualization.