Samuel Antonio Rangel
Data Analyst

Venezuela, Caracas| 04241879423 | samuel.rangel.021@gmail.com
www.linkedin.com/in/samuel-antonio-rangel-sar021   -   https://github.com/Samuel-R-021

I am a professional with a Bachelor's degree in Chemistry, with experience as a Data Analyst, applying the scientific method in the extraction and analysis of information, combining my knowledge in Chemistry, and Science in general, with programming and data management skills. I have experience in Python and tools such as NumPy, Pandas, Matplotlib, Seaborn, FastAPI, Power BI and Streamlit, as well as version control with Git and GitHub.

Not only that, but I also manage databases such as MySQL and BigQuery, along with data visualization skills and effective communication, developed through my experience as a teacher and tutor. My main motivation is the continuous learning and the optimization of data-driven processes.

PROJECTS

Data Science - "Nueva York City Taxis"   Dec. 2024-Jan. 2025
Academic experience. Henry Bootcamp.
Conduct an economic and environmental feasibility analysis for the implementation of a new fleet of hybrid and electric taxis in New York City.

- Study the behavior of supply and demand per hour of taxis in the different zones of New York.
- Analyze data, develop data engineering, Data Warehouse and Machine Learning, to make predictions about future demand and supply of taxis.
- Generate visualization reports showing the proposed KPIs.

Tools: Python, Jupyter Notebook, Dash, Pandas, NumPy, Matplotlib, Seaborn. **DBMS:** SQL, BigQuery. **Platforms:** Google Cloud Platform, Render.com.

Data Analysis - "Telecommunications"   Nov. 2024
Academic experience. Henry Bootcamp.
Analysis of the behavior of the telecommunications sector in Argentina, in order to identify trends and growth opportunities in the supply of Internet access to the population.

- Analyze the available data to extract insights that will lead to conclusions and recommendations to capitalize on the opportunities found.
- Generate visualization reports showing the justification of the insights, conclusions and recommendations presented.

Tools: Python, Jupyter Notebook, Power BI, Pandas, NumPy, Matplotlib, Seaborn.

WORK EXPERIENCE

PhotoStudy Auditor.   **October 2020 - current.**
Got It PhotoStudy.

- Check, correct and evaluate the work of experts in charge of providing assistance to students.
- Verify, correct and evaluate the work of other auditors, due to disputes made by experts regarding the evaluations received.

PhotoStudy Expert.   **May 2018 - current.**
Got It PhotoStudy.

- Expert and tutor in the subjects of Algebra, Calculus, Geometry, Statistics, Chemistry and Physics.
- I am part of the "Hourly-Expert" program as part of a dedicated group of experts in assisting students with their queries in multiple science and math subjects.

Math Tutor.   **March 2020-June 2020.**
Yup.

- On this platform I worked as a tutor for students in multiple areas of Mathematics such as Geometry, Calculus and Algebra.

TECHNOLOGIES:

Programming Languages: Python.

Tools: NumPy, Pandas, Matplotlib, Seaborn, FastAPI, Power BI, Streamlit, Git, GitHub.

DBMS: MySQL, BigQuery.

PROFESSIONAL EDUCATION

- Data Science. Henry Bootcamp. 800 hours bootcamp. 2024-2025.
- Bachelor of Science in Chemistry. Universidad Central de Venezuela. 2007-2019.

COMPLEMENTARY EDUCATION

- Universidad Python - Cero a Experto - Actualizado (+86 hrs). Udemy. 2022
- Python Streamlit for making Web Applications. Udemy. 2021.
- Algoritmos, desarrollo de la Lógica de Programación. Udemy. 2020.

LANGUAGES

- Spanish - Native.
- English C2 - Conversational. Certificate: https://cert.efset.org/acyaQf

_____