

# Helio Ribeiro – Data Scientist

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## SUMMARY

- Data Scientist with 6+ years of experience in designing and implementing data pipelines, utilizing technologies and frameworks such as GCP, AWS, Python, R, SQL, Spark, and Airflow to extract, transform, and load vast amounts of data, enabling organizations to make data-informed decisions, including NLP / RAG / LLM fine-tuning knowledge.
- Lived in Europe for 1 year, working in multicultural environments and speaking multiple languages regularly.
- Demonstrated ability to work cross-functionally with stakeholders, including data engineers, analysts, salespeople, and product managers, to understand requirements and deliver high-quality data solutions.
- Excellent communicator fluent in English (C2), Portuguese (Native) and Spanish (C2). Currently studying Dutch (A2).

## TECHNOLOGIES AND LANGUAGES

**Languages:** Python, R, SQL.

**Technologies:** Google Cloud Platform (Cloud Storage, Cloud Functions, BigQuery, Cloud SQL, Spanner, AlloyDB, Bigtable, Pub/Sub, Dataflow, Dataproc, Datafusion, Vertex, Dialogflow, Looker), AWS (S3, Lambda, Glue, RDS, Redshift, Athena, EC2, EMR, Sagemaker, Kinesis), Apache Spark (NLP, ML, SQL and Streaming), Apache Kafka, Data Libraries, LLMs (Gemini, Mixtral, Zephyr, OpenAI), RAGs (HuggingFace, LangChain, Vertex), Airflow, Snowflake, dbt, Git, PowerBI, Tableau, ETL / ELT, MySQL, PostgreSQL, Docker, Excel / Google Sheets (Including macros and VBA), CI/CD, REST API, Agile.

## EMPLOYMENT & EXPERIENCE

### Data Engineer

uCloud

Sao Paulo, Brazil

Nov 2023 – Present

- Developed and maintained robust data pipelines on Google's Dataflow and Datafusion.
- **Built multiple POCs** within a timely manner to drive sales showcasing Generative AI, Pipelines, Warehousing and BI.
- Integrated and deployed LLMs and ML Models, including Multimodal Gemini, PaLM and clustering algorithms.
- **Developed AI powered chats**, including Gemini, providing custom interactions with clients on the cloud.

### Data Consultant

Self-Employed

Remote

Jun 2020 – Present

- **Developed more than 20 Data projects** and with ML for HR, Finance, Health, Logistics, and other departments.

### International Account Manager

EDICOM

Valencia, Spain

Jan 2021 – Jan 2022

- Designed and published **Power BI** dashboard, **saving the Country Manager 6 hours per week** and **improving reports presentation time by over 500%**, along with better visuals and data insights.
- Published dashboard and **saved roughly 2k USD per week** on time, plus allowing for better decision-making.

### Engineering Intern

AGCO Corp.

Mogi das Cruzes, Brazil

Jan 2018 – Jan 2020

- Developed mathematical modeling for project design and eliminated electrical testing on machines due to the accuracy, **saving 2-3 weeks and over 30k USD per project**.

## EDUCATION

### UMC – Universidade de Mogi das Cruzes

B. Sc. Electrical Engineering

Mogi das Cruzes, Sao Paulo - Brazil

Feb 2014 - Jun 2021

- Learned **C++** and **Python** for signal processing and mathematics tools such as statistics, Fourier, and Laplace.

### ESPM – Escola Superior de Propaganda e Marketing

MBA - Marketing

Remote

Mar 2022 - Present

- Professional management of people and business with a **data-driven approach** backed up by cases and articles.