

Rainer Palm

Data Scientist, Python Developer

Mérida, Venezuela

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[Linkedin](#)

Data Scientist with around one year of experience working as a *Python Developer*, specializing in Pandas, PostgreSQL, FastAPI and AWS. I have knowledge regarding relational and non-relational databases, agile methodologies, model evaluation, machine learning with PyTorch and Scikit-Learn, and dashboard design with PowerBI and Streamlit. I have experience generating reports in Jupyter and creating automatic ETL pipelines. Designing practical analytical solutions within both my education and a work environment has allowed me to develop a good amount of adaptability, agile ways of learning and effective decision making.

English Level: [C2 Proficient EF SET](#)

PROJECTS

Data Scientist - "[Flujos Migratorios](#)"

2023/02/16 - 2023/03/22

Academic experience.

Henry Bootcamp, Buenos Aires, Argentina.

- Creation of analytical solutions to attain the data required by the client.
- Investigation of the problem and generation of explorative and quality-related reports on the data from the collected datasets.
- Creation of ETL pipeline, KPIs, a data warehouse and a dashboard for the final product.

Tools or Frameworks: Python, Jupyter, Power BI | **Databases:** MySQL

Platforms: Github, AWS RDS

Data Engineer - "[predInmobiliario](#)"

2023/01/14 - 2023/01/19

Academic experience.

Henry Bootcamp, Buenos Aires, Argentina.

- Creation and training of a predictive classification model.

Tools or Frameworks: Python, Jupyter | **Platforms:** Github

Data Engineer - "[mqueryAPI](#)"

2022/11/23 - 2022/11/30

Academic experience.

Henry Bootcamp, Buenos Aires, Argentina.

- API designed to run from a Docker home server.
- Generation of data quality report and database schema.

Tools or Frameworks: Python, Docker, Jupyter | **Databases:** SQLite3

Platforms: Github

PROFESIONAL EXPERIENCE

Python Developer - "scikit-risk"

2022/05/06 - 2022/09/08

Qu4nt, Mérida, Venezuela.

- Creation of a python library oriented around analytical needs.
- General tool for running Monte Carlo simulations and performing risk analysis in Python.
- Creation of examples and documentation for the project's presentation.

Tools or Frameworks: Python | **Platforms:** Github

English-Spanish Translator - "Documentación de Scikit-Learn y Matplotlib"

2022/02/10 - 2022/04/06

Qu4nt, Mérida, Venezuela.

- Translation of a pair of Python libraries' documentation, ones with a large number of users in the Data Science field.
- I translated about 28,000 words in total.

Tools or Frameworks: Crowdin | **Platforms:** Crowdin

TECNOLOGIES

Programming Languages: Python, Lua, GDScript

Libraries: SQLAlchemy, PySpark, PyTorch, Peewee, Pandas, Matplotlib, Seaborn, Streamlit, Scikit-Learn, Scrapy, Univorn, FastAPI, Love2D

Tools or Frameworks: Docker, Hadoop, Power BI, Canva, Microsoft Excel, Adobe Illustrator, Adobe Premiere & After Effects, Inkscape, Gimp, Ableton Live, Godot

Platforms: Github, Amazon Web Services, Google Cloud

Operating Systems: Linux (Ubuntu, Mint, Debian, Arch), Windows

PROFESSIONAL EDUCATION

- Data Science. Henry Bootcamp. 2022.
- Physics. University of the Andes. 2020. (parcial)

COMPLEMENTARY EDUCATION

- HuggingFace NLP Course. HuggingFace. 2023
- Adobe Illustrator for Social Networks. EDAT. 2022