

# Rainer Palm

## Data Scientist, Python Developer

Mérida, Venezuela

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*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](#)

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## PROJECTS

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### **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

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### **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

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### **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**

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**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

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**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