

Maicon Kevyn Moraes

Data Scientist

PERSONAL DATA

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EDUCATION

2021 - 2026	Bachelor Degree in Astrophysics, Universidade Federal do Rio Grande do Sul - UFRGS
2023 - Aug/2025	Associate Degree in Data Science, Centro Universitário Internacional - UNINTER

WORK EXPERIENCE

Jan/2025 - Present	Associate Data Scientist <ul style="list-style-type: none">Enhanced information extraction accuracy by implementing a RAG architecture with LLM optimization, prompt engineering, and AWS OpenSearch hybrid vector search.Automated payroll data extraction from diverse file formats using Google Cloud Document AI to streamline data ingestion for UI applications.Developed ML models on Databricks and engineered automated data processing workflows utilizing AWS Lambda, S3, and Step Functions.Optimized end-to-end classification pipelines with pandas and scikit-learn, integrating XGBoost and Random Forest to boost model accuracy and inference efficiency.
Fev/2024 - Jan/2025	Data Science Intern - ADP Brazil Labs <ul style="list-style-type: none">Conducted comparative analysis of LLMs (huggingface models vs OpenAI models) for sentiment analysis and topic modeling based on system feedback; models are now in production to monitor application metrics of U.S. users.
Feb/2022 - Aug/2022	Data Engineer Intern - Lojas Renner SA <ul style="list-style-type: none">Leveraged PySpark on Azure Databricks to process and optimize silver and gold data layers within a medallion architecture for large-scale datasets and building data pipelines using Azure Data Factory.
Aug/2022 - Jan/2024	Student researcher - Astronomy Department at UFRGS <ul style="list-style-type: none">Use Python and SQL for the extraction, cleaning, and preparation of astronomical datasets from SLOAN observatory.

LANGUAGES

- Portuguese (Native)
- English (Intermediate - B2)

TECHNICAL SKILLS

- Python
- SQL
- Databricks
- Git

GENERAL SKILLS

- Quick learning
- Self-Taught
- Effective team-working