



Flávia Gaia

Senior Data Scientist with 6 years of experience specializing in developing AI solutions. Solid experience in creating and implementing AI Agents and RAG systems using Python and frameworks such as Langchain and LangGraph. Currently, I lead GenAI projects for process optimization at Petrobras, integrating LLMs with internal systems and data lakes in AWS and Databricks environments. I seek to apply my expertise in Machine Learning, NLP, and AI governance to co-create innovative solutions and generate impact.

Education

Master's in Applied Computing -
Data Science Research Line
University of Brasília - 2024

MBA in Artificial Intelligence and Big
Data
University of São Paulo - 2022-2023

Bachelor's in Data Science and
Artificial Intelligence
IESB University - 2019-2023

Complementary Courses

Google Data Analytics Professional
Certificate

Data Architect 4.0 Program - Data Science
Academy

Power BI Course - Leonardo Karpinski

University Extension Course: Python for
Natural Language Processing - ICMC-USP

GenAI Technical Certification
AI/R Certification

AgentsBuilder Foundations
Academy

AI-Assisted Certified Professional
AI/R Certification

AWS Q Developer
Ai Adoption



(38) 998987165



flaviaggpaula@gmail.com



<https://linktr.ee/FlaviaGaia>

Professional Experience

○ FNDE

Senior Data Scientist

Working in the General Coordination of Data Governance, contributing to the structuring of the Medallion Architecture, implementation of the Databricks environment, and development of a Data Science ecosystem in Azure.

○ Compass UOL

Data Scientist

Developed AI solutions using Python, applying Natural Language Processing techniques and Large Language Models (LLMs), focused on optimizing internal processes at Petrobras.

○ EVCOMX

Data Scientist

Developed predictive analyses, implemented Machine Learning algorithms, programmed in Python, applied Natural Language Processing, created applications with Streamlit, and used LLM models with LangChain.

○ Ministry of Social Development and Assistance, Family and Fight Against Hunger

Data Analyst

Created analyses in SQL, developed Python scripts, built dashboards, and performed analytics with Power BI.

○ Presidency of the Republic

Data Science Intern

Conducted data analysis in Python, applied Natural Language Processing, built Machine Learning models, and used Power BI for visualization.