# Leticia Pires

Data Instructor

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## ABOUT ME

I'm a Data & AI Educator and Google Cloud Specialist with 5+ years of experience leading technical workshops and bootcamps. I've presented at global tech events and co-host a podcast for Women Techmakers. Passionate about community-driven education, I've helped thousands learn data, AI, and cloud tools. I love connecting people, sharing knowledge, and making tech more accessible.

## SKILLS

Python, Google Cloud Platform (GCP), Statistic, Machine Learning, Data Visualization, NLP, Generative AI, Langchain, Shapley Analysis, SQL, LLMs, TensorFlow, Pytorch.

## CERTIFICATIONS

**Google Cloud**
Certified Digital Leader                                                                              06/2024

**Google Cloud**
Certified Professional Data Engineer                                                        01/2022

**Google Cloud**
Certified Professional Machine Learning Engineer                                    05/2022

## WORK EXPERIENCE

**Data Instructor**                                                                       08/2022 – at moment
Leticia Pires, Capivari de Baixo, Brazil – Remote

**Activities:**
- **Led a technological transformation** at Suzano, the largest paper and pulp company in Latin America, through Koru School. Delivered hands-on training to over **100 employees across 4 countries** in **Google Cloud Platform (GCP), Python**, **data analysis** and **AI** accelerating the company's ability to leverage data-driven decision-making and modern cloud infrastructure.
- **Developed and launched** the "Trilha em Dados" and "Oficina Machine Learning" courses, impacting more than **200 students**. These programs focused on practical learning, helping professionals enhance their skills in **data science** and **machine learning**.
- Collaborated with **Alura**, the largest technology school in Brazil, to design and teach the "7 Days of Code: Machine Learning Challenge," providing **hundreds of students** with practical insights into machine learning techniques using Python, Pandas, Matplotlib, and Scikit-learn.

**Technologies and Tools:** Python, Scikit-learn, Pandas, Matplotlib, Clustering, Regression, Classification, Langchain, Shapley Analysis, OpenAI API.

**Data Scientist**                                                04/2021 – 09/2022
Sauter Digital, São Paulo, Brazil – Remote

**Activities:**
- To lead machine learning models for video analysis and monetization, impacting three major media channels with a combined **10.49M subscribers**.
- To build machine learning models for house price prediction, resulting in a more competitive pricing strategy and a **10% increase in occupancy rate** for a real estate startup.
- To develop machine learning models for a school, **predicting in advance when a student is at risk of failing**, enabling proactive interventions to improve student outcomes.

**Technologies and Tools:** Python, R, GCP, BigQuery, Vertex AI, Cloud Scheduler, Vision API, Hypothesis testing, NLP, Kubeflow, Scikit-learn, Pandas, Matplotlib, Machine Learning models.

**Assistant Professor of Calculus, Statistics and Statics**          08/2017 – 06/2018
Regional University of Blumenau, Blumenau, Brazil – In person

**Activities:**
- To provide support and tutoring in **math, calculus, statistics and statics** to over **6,000 students**, helping them improve their understanding and performance in these subjects.
- To assist professors with the preparation of teaching materials and problem-solving sessions.

**Technologies and Tools:** Education, Math, Calculus, Statistics, Statics

# EDUCATION

**Bootcamp, Decentralised AI**
Encode Club, London, UK                                         03/2025 – 04/2025

**Postgraduate Degree, Machine Learning Engineering**
FIAP, São Paulo, SP, Brazil                                      06/2024 – at moment

**AEC Artificial Intelligence and Machine Learning**
College La Salle, Montreal, QC, Canada                           09/2023 a 05/2024

**Bootcamp Applied Data Science**
Alura, São Paulo, SP, Brazil                                     10/2020 a 04/2021

**Bachelor of Civil Engineering**
Regional University of Blumenau, Blumenau, SC, Brazil            02/2015 a 12/2019

# VOLUNTEER WORK

**Organizer**                                                     01/2025 – at moment
GDG Milan

**Ambassador**                                                    08/2023 – at moment
Women Techmakers