# Raissa Lohanna Gomes Quintino Corrêa
**Data Scientist | PhD Researcher**

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## Professional Summary

Data Scientist with 3 years of experience in Machine Learning. Strong academic background in applied data science, with excellent communication and problem-solving skills. Fluent in English and Portuguese.

## Professional Experience

**Data Scientist II**, *Serasa Experian Datalab*                    **2022- Present**
- Analysis and modeling of graph-based relationships for fraud prevention, supporting investigations to detect suspicious patterns;
- Execution of exploratory data analyses, pipeline structuring, and testing of predictive models in the insurance and healthcare sectors;
- Experience in exploring and analyzing alternative data sources, temporal analysis, anomaly detection, recommendation systems, and application of Deep Learning models (OCR and LLMs).

**PhD Researcher,** *Federal University of ABC (UFABC)*                    **2020 – Present**
- Development of predictive regression models for forecasting absorption peaks of candidate molecules for solar cell sensitizers;
- Exploration and analysis of large datasets, and interpretability of results.

**Customer Experience Intern/Data Analytics**, *Itaú BBA*                    **2018 – 2019**
- Data extraction and analysis processes; development and maintenance of dashboards with key metrics for Operations, Credit, and NPS areas.

**Packaging Development Intern**, *Bayer*                    **2017 – 2018**
- Consolidation and structuring of packaging versioning data; support in monitoring logistics and quality KPIs related to their production.

## Education

- **PhD in Computing Chemistry** – UFABC, 2020-2025
- **Bachelor's in Materials Engineering** – UFABC, 2017–2021
- **Bachelor's in Science and Technology** – UFABC, 2014–2018

## Technical Skills

**Languages & Tools**: Python, PySpark, Cypher, Shell, SQL
**Libraries & Frameworks**: Pandas, Numpy, Scipy, Scikit-learn, Spark, Hadoop, NLTK
**Operating Systems**: Windows, Linux, Unix
**Others**: Neo4J, Git, Docker, AWS