Renata Thomazelli

PYTHON DEVELOPER | DATA ANALYST | JUNIOR DATA SCIENTIST

Email:	recalesi@outlook.com
Whatsapp and mobile:	055-11-987827946
Place of residence	Brazil, São Paulo – SP CEP 05162-250
LinkedIn	https://www.linkedin.com/in/renatathomazelli/
Portfolio	https://renata-thomazelli.github.io/portfolio/
VanHack Profile	https://vanhack.com/vanhacker/8f065bc3-d919-47f1-a2a3-e7433f1d2fef

PROFESSIONAL SUMMARY

Results-driven Data Analyst with over 15 years of experience using data to optimize business processes and drive decisions. Originally trained in finance and tax analysis, I developed a strong data storytelling ability through dashboard creation and data visualization since 2007 (notably at Ambev and InterCement). Over the past 3 years, I have deepened my technical expertise in Python, SQL, and Machine Learning, working as a developer and data analyst in real-world projects. Currently pursuing a postgrad in Data Science, with hands-on experience in Looker Studio, PySpark, C#, and Microsoft Azure. Passionate about using data and AI to solve complex challenges and unlock business value.

PROFESSIONAL EXPERIENCE

Dec 2021 - May 2023 (1 year 6 months)
Python *Xcelis Developer*

- Designed and developed **interactive dashboards in Power BI** using complex DAX, enhancing client decision-making processes.
- Automated test routines and CI/CD workflows with **Pytest** and GitHub Actions.
- Delivered end-to-end solutions integrating **Python**, third-party APIs, and Microsoft Azure environments.
- Collaborated in agile teams using Git, Scrum methodologies, and maintained clear documentation for technical handoff.
- Led debugging and resolution of critical bugs, improving platform stability across client solutions.

Aug 2020 - Dec 2021 (1 year 5 months)
Freelance Python Developer *Rthomaz Data Technology*

- Developed **custom dashboards in Power BI** based on client specifications, translating raw data into actionable business insights.
- Applied **Python (pandas, Matplotlib, Seaborn)** to analyze datasets and create impactful data visualizations.
- Built **machine learning models using Scikit-learn** for predictive analysis across multiple business scenarios.
- Managed and queried relational databases using **SQL (Microsoft SQL Server)**, enhancing data reliability.
- Utilized **C# and .NET** to support system integration, strengthening cross-platform automation workflows.
- Implemented **Genetic Algorithms** for optimization problems, improving efficiency of proposed solutions.

Jun 2021 - Oct 2021 (5 mos)
Data Analyst Project: *Wheat Commodity Price Around the World*

- Led exploratory data analysis of **global time series datasets**, including temperature, precipitation, and wheat trade volume from multiple countries.
- Applied **Python (pandas, numpy, matplotlib)** and **Power BI** to create dynamic dashboards and uncover correlations between climate variation and commodity prices.
- Collaborated in a multidisciplinary team to clean, transform, and analyze large datasets using **Jupyter**

Notebook and **Google Colab.**

- Presented project findings in a storytelling format, highlighting economic and climatic patterns affecting wheat pricing.
- Strengthened skills in **data wrangling**, **visual storytelling**, and interpreting trends through quantitative indicators.

Feb 2012 - Jan 2017 (5 years)

Tax Analyst — *InterCement Brasil*

- Designed and maintained **performance dashboards and KPIs** for the tax department, streamlining visibility into invoice receipt, tax compliance, and inspection processes.
- Delivered **reports and data storytelling presentations to directors and business units**, translating operational data into actionable insights.
- Trained regional analysts and teams in SAP workflows and data reporting tools, enhancing internal alignment and process consistency.
- Monitored operational indicators using tools like **Excel and SAP**, contributing to strategic decisions and compliance risk mitigation.
- Developed fraud detection reports that identified suspicious transactions, strengthening internal controls.

Jan 2007 - Feb 2012 (4 years and 8 months)

Tax Analyst — *Ambev*

- Built and maintained **performance dashboards and custom reports** to monitor tax workflows, document compliance, and unit-level results.
- Supported business units by **tracking performance metrics**, conducting training sessions, and presenting strategies to optimize tax and process efficiency.
- Created and shared periodic **evolution reports** with key stakeholders, using visual storytelling to highlight improvement opportunities.
- Led internal training programs and knowledge-sharing initiatives for new analysts and logistics teams across distribution centers.
- Acted as a liaison between operations, logistics, and compliance, supporting SOX audits and aligning systems with legal requirements via SAP.

EDUCATION

Postgraduate & Certifications in Data Science

- SQL for Data Analysis and Data Science – Data Science Academy, Aug.2025
- Postgraduate Diploma in Data Science – Data Science Academy, Set. 2024 – Jul. 2025
- Data Scientist 4.0 Course - Data Science Academy, Nov. 2023 – Jul. 2025
- Deploying Machine Learning Models - DSA, Jan. 2023 – Oct. 2023
- Artificial Intelligence Applied to Finance - DSA, Feb. 2023 – Oct. 2023
- Programming and Machine Learning in C# e .Net Core – DSA, Agu.2022
- Advanced Power BI for Data Analysis – DSA, Jun.2021
- Cloud Storage and Processing with Microsoft Azure – DSA, Oct.2021
- Cloud Computing for Data Science and Artificial Intelligence – DSA, Jul.2022

   Core Technologies and Topics Covered:

- **Languages & Tools:** Python, SQL, R, C#, .NET Core
- **Cloud & Platforms:** Microsoft Azure, Amazon SageMaker, Microsoft Fabric
- **Big Data & Pipelines:** Apache Airflow, Docker, Kubernetes
- **Machine Learning & AI:** Scikit-learn, Time Series Forecasting, Genetic Algorithms, AI Optimization
- **Data Engineering:** Data Wrangling, Feature Engineering, ETL

- **Data Visualization & BI:** Power BI, Looker Studio, Storytelling with Data
- **Mathematics & Statistics:** Exploratory Data Analysis, Probability, Multivariate Analysis

Complementary Technical Courses

- MongoDB for Python Developers - 2022 - MongoDB University, Dec. 2021

- Genetic Algorithms in Python – Udemy, Jul. 2021

- Professional Intelligence Journey – Pontifical Catholic University of Rio Grande do Sul PUCRS – Online Learning Mar. 2023

- AI Optimization Algorithms in Python – Udemy – Oct. 2021

- SAP FI Academy and Brazil Localization – Ka Solution, Jul. 2011

Academic Background

- MBA in Governance in Tax Planning - 2015 – 2017 - Infoco, São Paulo, SP

- Bachelor of Business Administration with emphasis in finance – University of Mogi das Cruzes -UMC 2003 – 2007

HARD SKILLS

Programming Languages & Development Tools

- **Python** (Pytest, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn – intermediate level)
- **SQL** (MySQL, SQL Server, PostgreSQL – intermediate)
- **PySpark, R, C# .NET**, **Scala**, **Bash**, **Flask**, **REST APIs** – beginner level
- **MongoDB** – beginner level
- **PyCharm**, **SAP Key User (Advanced)**
- Experience with **version control** using Git/GitHub and system integration workflows

Data Analytics & Data Science

- **Data Wrangling**, **Data Mining**, **Feature Engineering**
- **Machine Learning modeling** with Scikit-learn and real-world business applications
- **Data visualization & storytelling** using Power BI, Looker Studio, and Excel
- Development of **interactive dashboards** for insights and decision-making
- Pipeline development using **PySpark** and cloud tools (Azure, AWS, Microsoft Fabric)

Statistics & Applied Mathematics

- Exploratory Data Analysis (EDA), frequency and contingency tables
- Categorical variable encoding (One-Hot, Ordinal/Label Encoding)
- Correlation, multicollinearity, outlier detection (Tukey's method)
- Handling missing data (NaN), mathematical optimization, gradient descent
- Applied statistics for regression, classification, and pattern recognition

Languages

- **English**: Advanced (C1)

SOFT SKILLS

- **Leadership & Team Collaboration:** Inspires and supports teams with empathy, fostering a cooperative and high-performance culture.
- **Problem Solving:** Strong analytical skills to diagnose challenges and implement effective, actionable solutions.
- **Flexibility & Adaptability:** Embraces change with a growth mindset and quick learning in dynamic environments.

- **Motivation & Self-Management:** Proactive and self-driven, consistently exceeding expectations through initiative and accountability.