

Renata Thomazelli

PYTHON DEVELOPER | DATA ANALYST | JUNIOR DATA SCIENTIST

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PROFESSIONAL SUMMARY

Versatile professional with 3 years of experience as a Python Developer and Data Analyst, combining technical knowledge and business insight. My experience as a former Tax Analyst has enabled me to handle large data sets and create meaningful visualizations. I have expertise in Data Munging, Machine Learning, and building predictive models. I possess advanced skills in Python (Pytest, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn) and Power BI, as well as experience with Databricks and Microsoft Azure. Currently pursuing a Postgraduate degree in Data Science to expand my horizons and work as a Data Scientist. I am passionate about AI and always seeking new challenges to create significant impacts.

PROFESSIONAL EXPERIENCE

Dec 2021 - May 2023 (1 year 6 months)

Python Xcelis Developer

- I adopted good programming practices and automated tests with pytest and CI/CD.
- I developed interactive visualizations in Power BI and complex DAX tables.
- Conducted debugging and troubleshooting, fixing critical bugs.
- I used Git and GitHub and collaborated in remote teams with agile methodologies.
- Updated documentation of third-party services, integrating new features.
- I offered expert advice to clients, resulting in customized solutions.

Aug 2020 - Dec 2021 (1 year 5 months)

Freelance Python Developer Rthomaz Data Technology Mei

- I employed Python, pandas, and C# for data cleansing and dashboard creation.
- I created dashboards in Power BI, turning complex data into visual insights.
- I used Python, pandas, Matplotlib and Seaborn to create detailed charts.
- I applied Scikit-learn to develop Machine Learning models.
- I used SQL in Microsoft SSMS to manage and query databases.
- Implemented Genetic Algorithms for optimization of complex solutions.

Jun 2021 - Oct 2021 (5 mos)

Data Analyst Project: Wheat Commodity Price Around the World

- I analyzed global time series data on temperature, precipitation, and wheat trade.
- I used pandas, numpy, matplotlib, Jupyter Notebook, Colab and Power BI for detailed analysis and impactful visualizations.

Feb 2012 - Jan 2017 (5 years)

Tax Analyst – InterCement Brasil

- Developed KPIs and dashboards to control the receipt of goods, invoices, taxes and inspections.
- I monitored the time between receipt of goods and registration of invoices in SAP, avoiding fines.
- I created monthly reports for the financial director, identifying fraudulent operations and controlling invoices.

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

Tax Analyst – Ambev

- Developed reports to verify documentation of government requirements, avoiding penalties.
- I updated the system with new legal obligations, entered invoices in SAP, attended SOX audits and analyzed accounting accounts.
- I trained and supported distribution logistics center analysts.

EDUCATION

- Postgraduate Diploma in Data Science (in progress) – Data Science Academy, set. 2024 – Sept. 2025 – Online Learning
- Data Scientist 4.0 Course (ongoing)- Data Science Academy – Online Learning
Nov. 2023 – Nov 2025
 - Course includes: Operating Systems, SQL, Mathematics and Statistics, Multivariate Analysis, Cloud Computing, Business Analytics, Time Series Modeling, Storytelling and Data Architecture
- Deploying Machine Learning Models - Data Science Academy – Online Learning
Jan. 2023 – Oct. 2023
- Artificial Intelligence Applied to Finance - Data Science Academy – Online Learning
Feb. 2023 – Oct. 2023
- Professional Intelligence Journey – Pontifical Catholic University of Rio Grande do Sul PUCRS – Online Learning
Mar. 2023
 - Program Content: Emotional Intelligence, Financial Intelligence and Artificial Intelligence with professors Daniel Goleman, Nath Finanças and Ronaldo Lemos
- Microsoft Developer for Data Science and Artificial Intelligence, Data Science and Big Data – Data Science Academy – Online Learning
Aug. 2021 – Aug. 2022
 - Course includes: Programming and Machine Learning with C# and .NET Core, Microsoft Azure Cloud Storage and Processing, Advanced Power BI, Cloud Computing for Data Science and Artificial Intelligence
- Genetic Algorithms in Python – Udemy – Online Learning
Jul. 2021
- AI Optimization Algorithms in Python – Udemy – Online Learning
Oct. 2021
- MongoDB for Python Developers - 2022 - MongoDB University – Online Learning
Dec. 2021
- 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
- SAP FI Academy and Brazil Localization – Ka Solution
Jul. 2011

HARD SKILLS

- **Programming Languages and Tools:** Python (Intermediate: Pytest, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn), R (Beginner), C# .Net (Beginner), Scala (Beginner), Bash (Beginner), SQL (Intermediate), MongoDB (Beginner), PyCharm (Intermediate), API (Beginner), SAP Keyuser(Advanced)
- **Data Analytics & Data Science:** Data Munging (Data Wrangling), Data Mining, Resource Engineering, Data Science (Intermediate), Machine Learning (Beginner), Data Visualization (Intermediate), Dashboard (Intermediate), Excel (Advanced), Power BI (Intermediate)
- **Statistics and Mathematics:** Exploratory data analysis, Frequency and contingency tables, Coding of categorical variables (One-Hot Encoding, Ordinal Label Encoding), Correlation and multicollinearity, Detection of outliers (Tukey's method), Manipulation of NAN values, Mathematical optimization and gradient descent

- **Languages:** English (Advanced C1)

SOFT SKILLS

- **Leadership:** Ability to lead and inspire teams, fostering collaboration and achieving collective goals.
- **Problem Solving:** Diagnosing problems and creating effective solutions to complex challenges.
- **Flexibility and adaptability:** Ready to accept change with a positive attitude and adapt to evolving situations.
- **Work Ethic and Motivation:** Dedication and can-do spirit, consistently exceeding expectations.