

## Yago Piedras Lopes

Python Developer | Data Analyst | [Linkedin](#) · [Github](#)  
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### Summary

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Python Developer & Data Analyst with 4+ years of experience in automation, analytics, and software development. Former quantitative trader with deep expertise in financial data engineering, delivering tools that reduced manual reporting by **60%**, accelerated decision-making by **25%**, and enabled real-time insights from multi-million-row datasets. Skilled in Python, Django, SQL, AI integrations, and data visualization. Proven track record in remote, cross-time-zone collaboration for clients in Brazil, the US, and Europe.

Technical Skills: Python, Django, Pandas, SQL (PostgreSQL, MySQL), Matplotlib, Plotly, REST APIs, LangChain, OpenAI API, Power BI, Dash, Git, Docker, Excel

### Experience

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#### Freelance Python Developer

Remote  
2025 – Current

- Designed Django web apps with secure authentication, improving client workflows by **40%**.
- Developed Python pipelines for data extraction and visualization, reducing reporting time by **60%**.
- Integrated AI APIs (OpenAI, LangChain), delivering insights **5x faster**.
- Collaborated remotely across multiple time zones for clients in Brazil, US, and Europe.

#### Data Analyst (Contract)

Brazil  
(2020 – 2021)

- Analyzed large-scale financial datasets from B3-listed companies using Python and SQL, producing insights for **50K+ paying subscribers**.
- Developed automated data pipelines for collecting, cleaning, and structuring market data from SQL databases and public APIs.
- Created interactive dashboards with Matplotlib and Plotly to track market trends.
- Authored quantitative reports that accelerated investment research delivery.

#### Quantitative Trader | Python & Data (Self-employed)

Brazil  
2020 – 2024

- Automated financial data collection and company report extraction via public APIs, processing **millions of data points** with Pandas and Matplotlib for rapid visualization.
- Built dashboards tracking MACD, RSI, and moving averages, reducing daily analysis time by **3 hours** and improving trading decision speed by **25%**.
- Developed ETL pipelines in Python and SQL for real-time multi-source data integration.

#### Indirect Procurement Analyst DJO

San Diego, CA - USA  
2018

- Produced procurement performance reports and analytics using Oracle, Salesforce, and Excel, supporting purchasing decisions for **\$50M+ annual spend**.
- Delivered actionable insights to cross-functional teams, improving procurement efficiency.

### Education

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IBMEC – Postgraduate in Investments and Securities	2019 – 2020
San Diego State University – Bachelor's in International Business	2014 – 2017
IBM Data Analyst Professional Certificate	2023
Asimov Academy – Certificate – IA Agents creation with LangChain	2025
Asimov Academy – Certificate – Exploring IA models, platforms and projects	2025