

Pedro Mendes



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- ⌚ <https://github.com/phrmendes/>
- 👤 Pedro Mendes

👤 About Me

I have four years' experience in the IT market and one years' experience as an economic analyst, also working with data science. I was also a research assistant in the scientific initiation programme at UFABC, and I am currently enrolled in the 11th period of the Science and Humanities programme and the 8th period of the Economics bachelor's programme. I currently work as a DevOps Engineer at NTT DATA. My interests are time series econometrics, machine learning, Linux systems and programming in R, Python and Shell Script.

↗ Skills

- 📈 R - Advanced
 - Frameworks/libraries: Tidyverse, Tidymodels, data.table, Shiny, SparkR , caret
- ⚡ Python - Intermediate
 - Frameworks/libraries: NumPy, SciPy, pandas, Polars, scikit-learn, TensorFlow, PyTorch, statsmodels, Keras, Flask, FastAPI
- git Git - Intermediate
- 🚤 Docker/Podman - Intermediate
- ⚒ Shell Script - Intermediate
- 🛠 Terraform - Intermediate
- ☁ Google Compute Engine - Intermediate
- 💾 SQL - Intermediate
- 🐳 Linux - Intermediate
- 🍁 NixOS - Intermediate
- 🏫 Azure DevOps - Intermediate
- 🎯 Ansible - Beginner
- 🛡 Kubernetes - Beginner
- 💾 Go - Beginner
- ⚙ Julia - Beginner
- ⚑ MongoDB - Beginner
- 📈 Prometheus - Beginner
- 🚧 ArgoCD - Beginner
- ⚡ Apache Spark - Beginner
- ⚡ Apache Airflow - Beginner

♾ Education

Federal University of ABC

- Bachelor in Economics
 - São Bernardo do Campo, SP
 - 2018 - 2023
- Bachelor in Sciences and Humanities
 - São Bernardo do Campo, SP
 - 2018 - 2022

Fatec São Caetano do Sul

- Information Security (Unfinished)
 - São Caetano do Sul, SP
 - 2015 - 2016

💻 Research

Scientific Initiation Program (PIC-UFABC)

- CECS - UFABC
- São Bernardo do Campo, SP
- 2020 - 2021

I researched exports from the Midwest region of Brazil, as well as the commodity cycle of the 2000s and its relationship to the region's agro-industrial complex. I used data from Comex Stats and carried out analyses using tools such as R and Google BigQuery. I relied on exploratory data analysis and visualisation to draw conclusions about the period analysed.

✉ Work Experience

DevOps / Site Reliability Engineer

- NTT Data
- São Paulo, SP
- 2022 - Now

I manage CI/CD pipelines with Azure DevOps and monitor the performance of microservices with ArgoCD and New Relic. I am also responsible for building automation tools using Infrastructure as Code (Terraform, Terragrunt, Ansible and Helm) and Python.

Economic analyst

- Abramge
- São Paulo, SP
- 2022 - 2022

My main activity was related to data extraction about the private healthcare sector in Brazil. To do this, I created ETL pipelines using R to process a large amount of data, used exploratory data analysis and visualization to produce reports on the sector and dashboards for public use, and managed data storage in PostgreSQL and serverless databases such as SQLite and Apache Arrow. I was also responsible for forecasting relevant variables using time series econometric tools (mainly VAR-related models).

Economics internship

- Abramge
- São Paulo, SP
- 2021 - 2022

My internship involved extracting data about the private healthcare sector in Brazil. To do this, I created ETL pipelines using R to process a large amount of data, used exploratory data analysis and visualization to produce reports on the sector and dashboards for public use, and managed data storage in PostgreSQL and serverless databases such as SQLite and Apache Arrow. I was also responsible for forecasting relevant variables using time series econometric tools (mainly VAR-related models).

🌐 Language Proficiency

Language	Level
Portuguese	Native
English	Professional working proficiency
Spanish	Professional working proficiency