# Alberson **Miranda**

DATA SCIENCE | ANALYTICS | ECONOMICS

*Vitória, Brazil*

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## Industry Positions

**Banestes SA**                                                                                         *Vitória, Brazil*

ADVISOR                                                                                          *Jul. 2024 - Present*

- Credit Risk Modelling office.
- Build, monitor and tune risk related models through statistics and machine learning (e.g., probability of default, loss given default, forward looking)
- Stack: R, MS SQL Server, Python, VSCode, Jira, Bitbucket.

**Banestes SA**                                                                                         *Vitória, Brazil*

ADVISOR                                                                                         *Jan. 2020 - Jun. 2024*

- Analytics in Credit Innovation Office.
- Train, evaluate and interpret models, tests and statistical experiments to assist in the decision making and data-related products.

**Banestes SA**                                                                                         *Vitória, Brazil*

HEAD OF COLLECTION                                                                               *Apr. 2014 - Dec. 2019*

- Developed strategies and managed contracts.
- Applied several econometric techniques for collection and budget planning.

**Banestes SA**                                                                                         *Vitória, Brazil*

LOAN OFFICER                                                                                     *Jul. 2008 - Mar. 2014*

## Education

**Universidade Federal do Espírito Santo**                                                               *Vitória, Brazil*

PHD IN ECONOMICS                                                                                 *Jan. 2024 - Present*

- Research area: Hierarchical Time Series Econometrics.
- Studied units include Input-Output Analysis, Evaluation of Public Policies, Multivariate Methods for Data Analysis.

**Universidade Federal do Espírito Santo**                                                               *Vitória, Brazil*

M.SC IN ECONOMICS                                                                               *Jan. 2022 - Dec. 2023*

- Thesis: Machine Learning Methods for Optimal Reconciliation of Hierarchical and Grouped Time Series
- Studied units include Advanced Microeconomics, Advanced Macroeconomics, Advanced Econometrics, Time Series Analysis and Economics of Information, Culture and Knowledge.

**Instituto Federal do Espírito Santo**                                                                  *Vitória, Brazil*

B.SC IN MATHEMATICS                                                                             *Fev. 2018 - Dec. 2023*

**Universidade Federal do Espírito Santo**                                                               *Vitória, Brazil*

B.SC IN ECONOMICS                                                                               *Fev. 2007 - Dec. 2013*

## Software

da Silva Miranda A (2025). *fio: Friendly Input-Output Analysis*. `doi:10.32614/CRAN.package.fio` `https://doi.org/10.32614/CRAN.package.fio`, R package version 0.1.6, `https://CRAN.R-project.org/package=fio` (author, maintainer).

Wilke C, Thomason A, Reimert M, Kosenkov I, Barrett M (2025). *rextendr: Call Rust Code from R using the 'extendr' Crate*. R package version 0.3.1.9001, `https://extendr.github.io/rextendr/` (contributor).

da Silva Miranda A (2025). *R Tools PPA: Repository for Posit's Rstudio, Positron and Quarto for .deb and .rpm packages*. GitHub repository, `https://github.com/albersonmiranda/r_tools_ppa` (author, maintainer).

## Other

Translator of the portuguese version of the book *"R for Data Science"* by Hadley Wickham and Garrett Grolemund (`https://pt.r4ds.hadley.nz/`).