

CASSIO FELIX JARDIM

Currently student of Master in Big Data Applied to Football

A knowledgeable Master's student in Big Data Science with 6+ years of advanced experience in data analytics, statistical, econometric modeling, and statistical analysis using R, SQL, and data visualization with the R/Shiny package.



EDUCATION

2021
|
current

Sports Data CAMPUS

Master in Big Data Applied to Football

📍 Rio de Janeiro, Brasil

Thesis: **(Working in Progress)** - The primary aim of this dissertation is to explore the data visualization techniques available for football, from charts and infographics to interactive reports and dashboards. This will be made using R packages related to Data Products(charts, tables, report and Dashboards)

2014
|
2018

Federal University of Minas Gerais (UFMG)

Master in Economics

📍 Minas Gerais, Brasil

Thesis: On uncovered interest parity puzzles: excess return, asymmetry and crash risk - [Thesis Link](#)

2008
|
2013

Department of Economics – Fluminense Federal University (RJ)

Bachelor degree in Economics

📍 Rio de Janeiro, Brasil

Thesis: Securitization and financial Development



RESEARCH EXPERIENCE AND EDUCATION

2014
|
2017

Graduate Research Assistant

Master in Economics

📍 Minas Gerais, Brasil

- Performed econometrics research towards understanding the behavior of exchange rates in a context of macroeconomics crisis.

2022
|
current

Domestika - Online Platform

Composition techniques for Graphic Design 📍 Professor, Javier Alcaraz

Final Work: ———

CONTACT INFO

✉ cassiofjardim@gmail.com

📞 +55 21-994-489-606, RJ, Brasil.

SOCIAL MEDIA

📁 [Portfolio](#) - Data Visualization Works

🔗 [GitHub](#) - Projects Repository

📌 [Pinterest](#) - Data Visualization References

PROGRAMMING SKILLS

HIGHLY SKILLED IN:

📊 R

📊 tidyverse - R package

📊 ggplot2 - R package

📊 highcharter - R package

📊 Shiny - R package

📄 HTML

📄 CSS

BASIC SKILL LEVELS IN:

📄 SQL

📄 MySQL

LANGUAGES SKILLS

🌐 English - Proficient

🌐 Spanish - Basics

🌐 Portuguese - Native

2022
|
current

Domestika - Online Platform

Data visualization and linformation Design: Create a visual model
📍 Professor, Federica Fragapane

Final Work: ———

2022
(August)
|
2022
(August)

Curso-R: [Curso-R](#)

Dashboard II - Advanced Course for Shiny Dashboards
📍 Professors, William Amorim and Julio Trecenti

Final Work: [Gapminder Dashboard](#)



PROFESSIONAL EXPERIENCE

2022
(March)
|
2022
(December)

Data Visualization Scientist at MT2DATA

Data Viz Scientist 📍 Rio de Janeiro, Brasil

- Responsible for creating internal Dashboards, primarily focused on macroeconomic data, to serve the Data Science team using **R/Shiny** package.
- Professionally designed and developed a forecasting Machine Learning Dashboard, the First MVP of the company, using the **R/Shiny** package.
- Performed data cleaning and took responsibility for all the data flow and quality of data.
- Deployed, maintained and controlled the user's access to the main Dashboard.

2020
|
2022
(March)

Independent Data Analyst

Independent Data Analyst 📍 Rio de Janeiro, Brasil

- Assisting university professors and small/medium business on their research regarding data wrangling (**R Prog. Language**).
- Conducted user research and usability testing to ensure visualizations were compelling and easy to understand.
- Developing statistical analysis from brazilian datasets, such as IPEA, IBGE, Brazilian Central Bank (**R Prog. Language**).
- Offer solutios using Data Visualization as a data analysis tool (*Charts, Infographics, Business Report, Tables*) (**R/Shiny Package**).

2012
|
2014

Data Analist

The Bank of New York Mellon - Operational Risk Department
📍 Rio de Janeiro, Brasil

- Regular reporting of operational risk events.
- Used appropriate statistical and analytical methods to perform the financial analysis while supporting the company's management in fulfilling their obligations regarding operational risk management.
- Assisted in performing financial analysis and reporting operational risk events for critical decision-making purposes.

2010
|
2011



Data Analyst, intern

Brazilian Financial and Capital Markets Association (ANBIMA)

📍 Rio de Janeiro, Brasil

- Monitoring the main indicators of the domestic and international financial market.
- Search for information on websites related to the economic area (Central Bank, BM&F, CETIP, SELIC).



TEACHING EXPERIENCE

2017
|
2018



Introduction to Statistics (Summer - Course)

Teaching assistant of Economics Department courses at UFMG

📍 Minas Gerais, Brasil

2016
|
2017



Introduction to R for Undergraduates (Summer - Course)

Instructor of R and Data Mining Training Courses at SupStat Inc.

📍 Minas Gerais, Brasil



SELECTED PUBLICATIONS AND POSTERS

2018
|
2018



On uncovered interest parity puzzles: excess return, asymmetry and crash risk

UFMG Seminar Series

📍 Minas Gerais, Brasil

2022
|
2022



Data Science and Web Design: How to Improve Your Data Visualization:

Outlier 2022 – 02|2022 – Online Conference hosted by the Data Visualization Society (Lightning Talk Presentation)

📍 (Remote) Paris, France

[Presentation - link](#)

[Youtube Video - link](#)



PERSONAL PROJECTS

2022
|
current



Portfolio and Projects

[Portfolio](#)

📍 Rio de Janeiro, Brasil