

MATHEUS PIRES SERGIO, M.SC.

DATA ANALYST

OBJECTIVE

I seek to make the career transition from the academia to the data analysis and Business Intelligence areas.

PORTFOLIO


 github.com/matheuspsergio/portfolio


 bit.ly/BIportfolio-English

CONTACT

 matheupsergio@gmail.com

 bit.ly/inMatheusPires

 +55 (21) 99921-9427

 Rio de Janeiro, RJ (available for travel/ relocation)

PROFILE

I have an **analytical profile** and I like to use my **creativity** to find patterns hidden inside datasets. After 4 years in the academia, I developed high **adaptability**, which allowed me to perform in different areas. This was possible due to my **autonomy** in problem-solving combined with **self-management** to meet the deadlines

EXPERIENCE- PROJECTS

Preparama La Cena (2022-): An independent project that aims to understand the main characteristics of missing people in Rio de Janeiro. With this project, I identified the most vulnerable populations and the main drivers of the disappearances

- Coded a webscraper
- Build of an ETL pipeline to store the data
- Creation of a dashboard to present results

Masters in Aquaculture (2020-): I assess the economic viability of a marine farm

- Defining the required investments and operational costs
- Modelling of economic viability metrics
- Development of strategies to increase the profitability of the proposed enterprise

Masters in Geography (2018- 2020): I discovered which fishing fleets are adequately represented in a public dataset, as well as identified the main patterns of fishing activity in the Brazilian coast

- Data cleansing
- Exploratory analysis and descriptive statistics of the fishing fleet
- Hypothesis testing and linear regressions
- Map making

Undergraduate thesis (2017): I developed a water quality index to support the decision making of managers

- Organizing field data in a spreadsheet
- Selection of proxy variables of water quality
- Environmental quality modelling with respect to the concentration of dissolved oxygen
- Creation of the quantitative index of dissolved oxygen quality in the Guanabara Bay

SOFTWARES AND TOOLS

- Python
- MS Office (Excel, Word, Powerpoint)
- Power BI
- Tableau
- SQL
- Statística
- ArcGIS

PROFESSIONAL REFERENCES

Rodolfo Paranhos
Professor at the Department of Marine Biology of the Universidade Federal do Rio de Janeiro.
Contact: ufrj.rodolfo@gmail.com

Elizabeth Rocha
Professor at the Geography department of the Universidade Federal do Rio de Janeiro.
Contact: elizabethmfr@gmail.com

EDUCATION

MBA in Data Science & Analytics

Universidade de São Paulo (USP), SP, Brazil: 2022 - 2023

Masters in Aquaculture

Instituto de Pesca, SP, Brazil: 2020 - 2022

Masters in Geography

Universidade Federal do Rio de Janeiro (UFRJ), RJ, Brazil: 2018 - 2020

Bachelors in Biology

Universidade Federal do Rio de Janeiro (UFRJ), RJ, Brazil: 2013 - 2017

COMPLEMENTARY EDUCATION

- Microsoft Power BI for Data Science - Data Science Academy (72h): 2022;
- Bioeconomy applied to the management of aquatic projects - UNESP (90h): 2020;
- Data Science Foundations I - Udacity: Dec 2018 - Feb 2019;
- Programming Logic - COTI (32h): 2017;
- Biostatistics using R - UNIRIO (8h): 2017;
- Management of solid residues - UFRJ (8h): 2017;
- English- Britannia English School (2004- 2014)

VOLUNTEERING

- San Francisco Playhouse- 2021
 - Consultancy for a theater company that wanted to understand the possibilities of its dataset
- Projeto algicultura - 2021
 - Teacher at the outreach project that aims to increase the number of farmers growing the algae *Kappaphycus alvarezii* in Rio de Janeiro
- XXI BioSemana - 2017
 - Congress organized by undergraduate students with +500 attendees.
- Semana de Meio Ambiente da UFRJ - 2017
 - Poisonous plants and animals-themed workshop for the population of Angra dos Reis.
- XX BioSemana - 2016
 - Congress organized by undergraduate students with +500 attendees.