

João Gil Ribeiro

Education

Nova School of Business & Economics

Master's in Finance with Major in Business Analytics

Lisbon, Portugal

Sep 2020 - Jan 2021

Relevant Courses: Machine Learning (18), Data Curation (17), Data Visualization (19), Data Analytics for Finance (18), Web and Cloud Computing (18), Marketing Analytics (18), Algorithmic Governance (19)

GPA: 17.7

Nova School of Business & Economics

Bachelor's in Economics

Lisbon, Portugal

Sep 2017 - Jun 2020

Relevant Courses: Econometrics (16), Modeling & Optimization (18)

GPA: 16.0

Work Experience

Data Science Fellow

NOVA SBE Data Science & Knowledge Center

Lisbon, Portugal

Oct 2020 - Dec 2021

- Development of an Exploratory Data Analysis project with the creation of a GitHub repository to support projects at DSKC with visualizations, data curation, and modeling accessible through an installable library.

Data Analyst

INNER CHOICE - Human Development & Wellbeing

Lisbon, Portugal

Oct 2020 - Jun 2021

- Data analysis and visualization of surveys for an intervention of the center with several companies using python for data curation and Plotly for visualizations.
- Data Analysis of surveys to coordinate a performance psychology intervention on Olympic Athletes and staff for the Tokyo 2021 Games.

Projects

Master Thesis Work Project

- Web scrapped and prepped data from 9 different online job platforms. Used text mining tools to for data cleaning and string similarity matching to merge job data with official occupations and skills datasets.
- Results were loaded into a Mongo DB database and visualized using Tableau, allowing to see the Portuguese job market over skills, sectors, jobs, and locations.

Ad Clicks Project

- Exploratory data analysis of an anonymized Ad Clicks dataset and development of a machine learning model to predict ad clicks.
- Used Shaply for interpretability and extraction of meaning from of a tunned Random Forest, the best model against KNN, Catboost and Stacking Classifiers, at 40% f1-score, a good metric for unbalanced datasets, which was a 13% improvement from initial models.

Extracurricular Activities

President

Nova Surf Club

Lisbon, Portugal

Aug 2018 - Oct 2020

- Managed a 15 people team developing innovative marketing strategies to increase business growth resulting in a total of 1500 students, over 1 year, taking surf lessons through partnership channels.
- In 2019, helped to raise 10.000€ from Seat and Via Verde to organize a surf competition, Nova Surf Contest 3rd edition, for +700 spectators and a social media outreach of 35,000 on Facebook.

Volunteer Teacher

AIESEC - Global Volunteer

Cluj-Napoca, Romania

Jun 2018 - Aug 2018

- Led the development of a mentorship and counseling program to inspire Romanian high-school students to pursue higher education.



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[LinkedIn Profile](#)

[gilnribeiro.github.io/](https://github.com/gilnribeiro)


Skills


Programing: Python, F#, R

Data Visualization: Excel, Python (Plotly, Matplotlib, Seaborn, Shapley), Google Data Studio, Tableau

Languages:

 Portuguese (native)

 English (fluent)

 Spanish (Intermediate)