

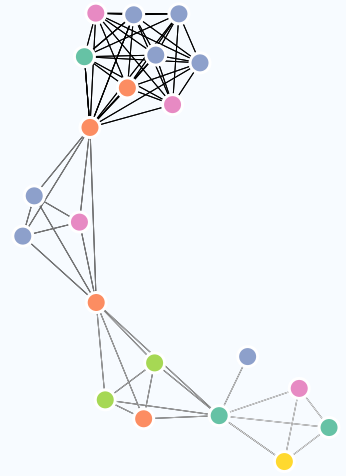
# EMMANUELLE RODRIGUES NUNES

I am Emmanuelle Rodrigues Nunes, a Statistician who graduated from the University of Sao Paulo, Sao Paulo, Brazil. I have worked as a Data Scientist for two years in Brazil for a large financial company. Since 2018 I have been working as a gaming Data Scientist for Lionbridge within the client Microsoft in Reading, UK. I am a Certified Carpentries Instructor since 2021.

I have worked with R, R shiny Dashboards, Python, Oracle, SQL Server, and more recently with Azure and Power BI throughout the years.

Learning in this field is essential, so I like to attend conferences and take online courses to improve my knowledge. I also believe in sharing knowledge by giving talks, tutorials and mentoring.

With all that said, I aim to work with Statistics and Machine Learning in my next job, which is what I study and what I am passionate about.




## INDUSTRY EXPERIENCE

Current  
|  
2021

### Senior Data Scientist

Reading, UK


 Microsoft / Lionbridge

- Additional responsibilities include:
- Mentor BI and Data Analysts

2021  
|  
2018

### Data Engineer / Scientist

Reading, UK

 Microsoft / Lionbridge

- Working on a contract for Microsoft at the Studios Quality department through Lionbridge
- Data Quality and Exploratory Data Analysis within Microsoft games focused on the quality of the game instead of user experience
- Major activities include creating KPI to understand the stability of a game replacing older methodologies; Implementation of a new performance metric; Creation of an AI using Reinforcement Learning to automate one game title.
- Presentations of Statistics and Machine Learning for the team
- Technologies used: SQL Server, R, R Shiny Dashboards, Python, Azure Data Factory (ADF), Azure Data Explorer (Kusto) and Power BI

## CONTACT



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 7940243218

 emmanuelnunes

 EmmanuelleRN

## LANGUAGE SKILLS

R



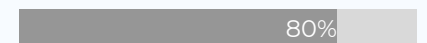
Python



SQL



Kusto



Made with the R package  
[pagedown](#).

Last updated on 2021-08-15.

2018  
|  
2017



### Data Scientist

Sao Paulo, Brazil

📍 PagSeguro

- Data Scientist for a Brazilian fintech that intermediates the payment of millions of transactions daily
- Use of Statistics and Machine Learning techniques to answer business questions. Company areas that I've worked with include Marketing, Telecommunication, Logistics and CRM.
- Creation of reports and presentations for the company with the results obtained within the analysis.
- CRISP-DM methodology (business understanding, data analysis and modelling)
- Technologies used: R, R Shiny Dashboards, SQL and Python

2017  
|  
2017



### Pricing Intern

Sao Paulo, Brazil

📍 B3

- Pricing Intern for the Brazilian Stock market
- The main role was to analyse and model the volatility of stocks and commodities.
- Activities included statistical analysis and modelling involving optimisation techniques, simulation, stochastic calculations and time series analysis.
- Technologies used: SQL, R, R Shiny Dashboards and Excel VBA



## EDUCATION

Current  
|  
2019



### MSc. Advanced Computer Science

University of Reading

📍 Reading, UK

2017  
|  
2013



### BSc. Statistics

University of Sao Paulo

📍 Sao Paulo, Brazil

- I graduated as top of my class
- Awarded with an academic merit scholarship to do an exchange period of 6 months

2015  
|  
2015



### Statistics

University of Helsinki

📍 Helsinki, Finland

- Exchange period of 6 months
- Classes taught in English were only MSc level
- Courses: Event-history Analysis, Sampling, Finnish, Demography and Categorical Data Analysis

I like collaborative environments where I can learn from my peers.



## RESEARCH EXPERIENCE

2015  
|  
2014

- Trend and Seasonality in the Broad Consumer Price Index (IPCA) from 2006 to 2014**  
 University of Sao Paulo 📍 Sao Paulo, Brazil
  - Scholarship awarded by CNPq (National Council of Scientific and Technological Development)
  - Field of study: Time Series Analysis
  - Advisor: Airlane Pereira Alencar



## EXTRACURRICULAR

Current  
|  
2020

- Creator of R-Ladies chapter in Reading**  
 R-Ladies 📍 Reading, UK
  - Opened Reading chapter

Current  
|  
2021

- The Carpentries Certified Instructor**  
 The Carpentries

2021  
|  
2021

- Speaker at DigiGirlz Event**  
 Microsoft 📍 Reading, UK

2021  
|  
2021

- Workshop - Introduction to R**  
 University of Reading 📍 Reading, UK
  - Instructor

2018  
|  
2018

- 21st AISTATS**  
 AISTATS 📍 Lanzarote, Spain
  - Attendant

2018  
|  
2018

- Understanding the payment business**  
 Mastercard 📍 Sao Paulo, Brazil
  - Attendant

2016  
|  
2016

- XX Brazilian School of Probability**  
📍 Sao Paulo, Brazil
  - Attendant



## POSTERS, AND TALKS

2021  
|  
2021

- Speaker at IV SER**  
 Niteroi, Brazil 📍 UFF
  - Presentation about the use of Genetic Algorithms for Feature Selection

I believe that learning and sharing of knowledge are the most important skills of a Data Scientist.

2021  
|  
2021

● **Speaker at RSS Conference**

Manchester, UK

📍 RSS

- Fire talk and poster about: 'Use of Evolutionary Algorithms as an Alternative for Reinforcement Learning'
- Poster about KPI metric to determine the stability of a game using Survival Analysis

2018  
|  
2018

● **The Developers Conference**

📍 Sao Paulo, Brazil

- Spoke about 'Mapping of acute poisoning cases treated at the Center for Poisoning Control in the city of São Paulo'

2015  
|  
2015

● **23rd SIICUSP**

University of Sao Paulo

📍 Sao Paulo, Brazil

- Presented (remotely) a poster about the results of my Academic research project "Trend ad Seasonality in the Broad Consumer Price Index (IPCA) from 2006 to 2014"

Library used to create this CV:  
*datadrivencv*