

# JEANNE FRANCO

## Currently searching for a position in Data Engineer or Data Scientist

I am a collaborator at Beta Analítica, a company that provides statistical analysis consultancy for universities, individuals and business corporations. I am also a co-organizer of the Natal R-Ladies community, a worldwide organization with the mission of promoting gender diversity in the R community. I am interested in data science and I am constantly looking for new learning in the area of programming using R and Python languages.

## EDUCATION

- 2009 | 2014 • **Universidade Federal do Rio Grande do Norte - UFRN**  
B.S. in Ecology 📍 Natal, RN, Brazil
- 2015 | 2017 • **Unidade Acadêmica Especializada em Ciências Agrárias - UFRN**  
M.S. in Forestry Sciences 📍 Jundiaí, RN, Brazil
- 2018 | 2022 • **Universidade Federal do Rio Grande do Norte - UFRN**  
PhD in Ecology 📍 Natal, RN, Brazil

## MAIN EXPERTISE

- **Production scientific graphics with the *ggplot2* package.**
  - Detailed and elegant graphs of bars, lines, scatters, histograms, density, box-plots and violin.
- **Data manipulation and descriptive statistical analyses with the *dplyr* package.**
  - Selecting and creating numeric and categorical variables, filtering data, calculating means and standard deviations, joining tables, and more.
- **Knowledge of R Markdown.**
  - Production of Word, HTML, PDF, Power Point documents, books, and blogs that present code and analysis results in R.
- **Production of maps with the *maps*, *leaflet* e *ggrepel* packages.**
  - Interactive and static maps with numerical data information (e.g. population size) and geographic coordinates.



## CONTACT INFO

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## SKILLS

Basic statistical analysis, statistical modeling, map production, data visualization and data manipulation in R with the *ggplot2* and *dplyr* packages.

Produce high-quality reports with the *rmarkdown* package.

Applications using the *shiny* package.

Basic knowledge in Python, BigQuery, SQL, JavaScript, HTML and CSS.

This resume was made with the R package ***pagedown***.

- **Basic knowledge in producing graphics with Python.**

- Graphs of bars, lines, scatters, histograms, and box-plots, and descriptive statistical analysis.

## VOLUNTARY AND PROFESSIONAL EXPERIENCE

- **R-Ladies Natal**

2020 - Current

- R-ladies is a worldwide organization with a mission to promote diversity gender through events and course applications using the software R.

- **Beta Analítica**

2020 - Current

- Company that assists in statistical analysis consultancies. • Located in Minas Gerais, Brazil.

## TEACHING EXPERIENCE

2022

- **Data visualization with ggplot2 e dplyr**

R Ladies Ribeirão Preto

2022

- **Plots in R with ggplot2**

Beta Analítica

2022

- **Graphical foundations of the ggplot2**

Beta Analítica

2021

- **R for beginners**

R-Ladies Natal

2021

- **Introduction to RMarkdown**

R-Ladies Natal

2020

- **Producing ggplot2 graphs in a few minutes**

R-Ladies Natal

2020

- **Introduction to R: Step by step for beginners**

R-Ladies Natal

2020 and  
2021

- **Data visualization in R with ggplot2**

Beta Analítica

2020

- **Webnar: Producing graphs ggplot2 in R**

Beta Analítica

## CERTIFICATIONS IN TECHNOLOGY

2013

- **Randomization Techniques in Biostatistics using R**

6 hours

2019

- **Introduction to R software**

4 hours

- 2019 ● **Introduction to the R language for ecology and related areas**  
8 hours
- 2019 ● **Entering the world of Python for Data Science**  
8 hours
- 2020 ● **Introduction to Phylogenetic Ecology with R**  
5 hours
- 2020 ● **Generalized Linear Models in R**  
8 hours
- 2021 ● **Reports and Presentations in RMarkdown**  
4 hours
- 2021 ● **Introduction to Big Data**  
4 hours
- 2021 ● **Introduction to R**  
15 hours
- 2021 ● **Introduction to Tidyverse**  
15 hours
- 2022 ● **Data Science with R**  
7 hours
- 2022 ● **Tidyverse universe: transforming data with the dplyr package**  
4 hours
- 2022 ● **Meta-analysis: an introduction with metadigitise e metafor packages**  
4 horas
- 2022 ● **Tidyverse universe: from R to SQL with dbplyr packages**  
4 horas



## FOREIGN LANGUAGES

- **Basic Spanish**
  - Proficiency test with score 9.5.
- **Intermediate English**
  - Full course – 3 years;
  - Course in Program Idiomas sem Fronteiras – 108 hours;
  - Proficiency test with score 8.1.