

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.



MAIN EXPERTISE

- **Production scientific graphics with the *ggplot2* package.**
 - Detailed and elegant graphs of bars, lines, scatters, histograms, density, box-plots and violin.
- **Basic knowledge in producing graphics with Python.**
 - Graphs of bars, lines, scatters, histograms, and box-plots, and descriptive statistical analysis.
- **Data manipulation and descriptive statistical analyses with the *dplyr* package.**
 - Database management such as selecting and creating numeric and categorical variables, filtering data, joining tables, and basic statistical analysis.
- **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.



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.



CONTACT INFO

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SKILLS

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

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

Application development using the *shiny* package

Developing websites and blogs with the *Quarto* system in RStudio and using HTML and CSS.

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



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**
 - Course at Fundação de Apoio a Educação e ao Desenvolvimento Tecnológico do RN (FUNCERN) – 72h
 - Score on proficiency test Departamento de Língua e Literatura Estrangeiras (Universidade Federal de Santa Catarina) – 9.5
- **Intermediate English**
 - Full Course (FUNCERN) – 3 anos
 - Course at Núcleo de Línguas da UFRN (Programa Idiomas sem Fronteiras) – 48h
 - Course My English Online – 60h
 - TOEFL ITP test score – 450
 - Proficiency test score COMPERVE (UFRN) – 8.1