Bruno Reis

Bachelor in Economics and Data Analyst

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Summary

- Experience in data analysis and dashboard creation;
- Fluent in English;
- Proficiency in tools such as Python (Pandas module), SQL and PowerBI;
- Mastery of Microsoft Excel with practical experience;
- Dedicated to continuous learning, whether by way of courses or self-teaching.

Academic Background

Economic Sciences (Bachelor's Degree, 2023)
Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio)

Certificates
"Microsoft Excel 2016 – Avançado" • 2019 • Fundação Bradesco
"Microsoft Power BI Para Data Science, Versão 2.0" • 2022 • Data Science Academy

Experience

Internship in Instituto Brasileiro de Economia (FGV IBRE) • 2023
- Assistance in the surveys of national industry, services and construction.
- Example of my participation: https://portalibre.fgv.br/system/files?file=2023-07/Sondagem%20da%20Industria%20FGV_press%20orelease_Jul23.pdf
- Cleaning of monthly data from the surveys, which arrived in raw format and needed to be transformed before being incorporated into the main Excel spreadsheets. Extensive use of formula functions, filters and references to spreadsheets in other files, keeping them well organized for use by my superiors.
- Using Excel to create graphs and tables for presenting the data clearly on Powerpoint slides, explaining the most relevant observations and insights in my reports, whether about specific variables or about relationships between them.
- Research on developments in Big Data (the GDELT project) and presentation of findings to my superiors via assembling a Powerpoint presentation.
- Training newer interns in the processes regularly practiced in the position. Includes the writing of technical manuals.

Undergradutate Thesis • 2022
"The Evolution of Child Poverty During the 2020 Pandemic and the Role of The Emergency Aid"
- My introduction to data analysis: an academic project focusing on data analysis applied to the social economy.
- Extensive use of the R language, with script development in RStudio for cleaning, transforming and, especially, visualizing data, essential for my thesis. I extracted data from PNAD Contínua, a dataset from IBGE.
- Exploratory analysis: while the thesis itself prioritizes the relationships between chief variables, I first explored all of the features that could be interesting for the research.
- Descriptive analysis: assessment of time trends, correlations between socioeconomic variables and the impact of emergency public policies through multivariate visualizations.

Technical Skills

Software: Excel (advanced), Powerpoint, Word, Power BI, Jupyter Notebook, R Studio.
Programing: Python (NumPy, Pandas), R Language, SQL.
Misc.: Statistics and Econometrics, business intelligence dashboard designs.

Languages

Portuguese – Native
English – Fluent
German and Japanese – Basic