

Lucas Cavalcanti Rodrigues

Data Engineer

Bom Retiro · São Paulo - SP

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30 years

Links

[Github](#)

[Linkedin](#)

[Stackoverflow](#)

Technical Skills

OS

GNU/Linux, Windows

LANGUAGES

Python, Java, Javascript,

Rust, R

FRAMEWORK

flask, node.js, pandas,
matplotlib, statsmodel,
scikitlearn, sympy

DATABASES

SQLite

CLOUD

GCP

OTHERS

Airflow, Markdown, Git, Vim,
VS Code, Jira

Analytical Skills

Data Structures

Algorithm

OOP

Probability

Data Analysis

Econometrics

Machine Learning

Agile methodologies

Education

2017-2021

PHD ECONOMICS

Universidade de São Paulo

2013-2014

MR. SC. IN ECONOMICS

Universidade Federal
de Juiz de Fora

2009-2012

B.A. IN ECONOMICS

Universidade Federal
de Juiz de Fora

Summary

I'm a professional with over 7 years of experience working in different areas of the data lifecycle, such as analytics and infrastructure. A significant part of this experience is due to my work as an economist, both in academia and the private sector. Since 2021, though, I have focused on data engineering and infrastructure. I have over 4 years of experience using Python, in addition to having working knowledge of a number of technologies, such as Google Cloud, Airflow, Bash, Java, SQL, among others. I'm also a highly motivated professional, with strong organizational and multi-tasking skills, who always aim to add value to the business and the teams I work with.

Experience

AUG/21-

Data Engineer

DP6

I work on collecting and structuring data obtained from customer interaction channels such as mobile apps and websites

Python, Javascript, Google Analytics, Firebase, GTM, Data Studio

OCT/20-JUN/21

Economist

Parceiros da Educação

I was responsible for creating the ESG Racial Equity Index (IEER), a metric used by several companies in the Brazilian private sector to assess and monitor the status of racial inequality among their employees. In addition to develop the index, a by-product of my doctoral thesis, I was also responsible for the data infrastructure used to compute the index. The infrastructure was built using resources from the Google Cloud Platform (GCP).

Python, Pandas, GCP, Cloud Storage, Big Query, Flask

JAN/16-JUN/17

Data Analyst

CAED

I contributed to public policy reports directed to the subnational Departments of Education by carrying out the statistical analysis of microdata. In these analyses, among other techniques, I used statistical methods such as Factor Analysis, Index Construction and Linear Hierarchical Models.

SPSS, Microsoft Office

Other Employment

2016-2017

Professor of Economics (1 year)

UFJF

2021-2021

Data Consultant (6 months)

MPT

Certifications

Google Analytics Individual Qualification

Issued Aug. 2021

TOEFL ITP

Issued Feb. 2019