

GUILHERME M. TOSO

DATA SCIENTIST



Contact

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Skills

General

- Data Visualization
- Deep Learning
- Machine Learning
- Data Analysis
- Communication

Technical

- | | |
|------------------------|------------------------|
| • Language | • Database |
| • Python | • SQL |
| • Javascript ES5 | • NoSQL |
| • Data Analysis | • Visualization |
| • Pandas | • Matplotlib |
| • Numpy | • Seaborn |
| • Scipy | • Plotly |
| • Modeling | • Tools |
| • Scikit-Learn | • Power BI |
| • Tensorflow | • Microsoft Office |
| • Backend | • Frontend |
| • NodeJS | • Html |
| • Express | • CSS |
| • FastAPI | • React Js |

Hobbies



About Me

I am a Data Scientist passionate about solving problems and delivering valuable data products through data analysis and machine learning algorithms. I have a master's degree in Computational Intelligence that with my academic experience and extracurricular projects provided an improvement in my critical thinking, data analysis and problem solving skills, as well as cognitive flexibility. I'm a challenger, but in addition to being a data-driven person, I love photography, cooking, reading, and exercising as my hobbies.

Experience

Electrical Physics Teacher
2015 - 2016

São Paulo State University
Rio Claro, SP

I was a professor of electrical physics as a volunteer in the community course at UNESP for one year. This experience helped to develop communicative skills.

Projects

HR Analytics - Employee Attrition & Performance
Machine Learning

Business solutions through analysis and predictions for which employees has more probability of leaving the company

House Sales
Machine Learning

Business solutions through insights and predictive models generated by Exploratory Data Analysis focused on maximizing a company's profit by finding homes with low purchase value and higher resale.

Recommendation System
Machine Learning

A movie recommendation system using Natural Language Processing.

Covid-19's Vaccination
Data Analysis

A tracking system of the worldwide vaccination against Covid-19.

Education

Bachelor of Physics
2011 - 2017

São Paulo State University
Rio Claro, SP

Master in Computer Science
2019 - 2021

São Paulo State University
Rio Claro, SP

Academic Experience

Masters Dissertation
Synchronization by coupling oscillators and its application in semi-supervised learning

São Paulo State University
Rio Claro, SP
2019-2021

Scientific Research
Synchronization Analysis in Coupled Oscillator Models

São Paulo State University
Rio Claro, SP
2018-2019

Publication

ICCSA - Scientific Paper
Synchronization Analysis in Coupled Oscillator Models

Cagliari, Italy - 2020
Lecture Notes in Computer Science, vol 12249. Springer, Cham. http://doi.org/10.1007/978-3-030-58799-4_64