Hugo Rafael Vallejo Angulo
Data Scientist

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https://github.com/hucodelab   https://hucodelab.github.io/
https://medium.com/@hugova   https://www.kaggle.com/hugovallejo

Skills

Python, Scikit-learn, Tensorflow, SQL, Excel, Machine Learning, Power BI, Statistics.

Experiences

Data Scientist (Turing USP)   May 2022 – Present
São Paulo - SP
- Developed data visualization and processing models for the 2022 Brazilian elections.
- Developing quantitative models for the Brazilian Financial Market.
- Publishing the project's content on Medium, applying data visualization and storytelling: https://medium.com/turing-talks

Rubber technology researcher (USP-Alpargatas S.A. Partnership)   Jan. 2020 - Present
São Paulo - SP
- Developing sustainable rubber products and prototypes for the footwear industry
- Analyzing the technical data and properties of the prototypes and products.
- Delivering reports and visualizations of data analysis to the manufacturing and innovation departments of Alpargatas S.A.
- Developed a prototype with a reduction of more than 20% in carbon dioxide emissions involved in the footwear manufacturing process.

Production Analyst (Muros Cunaguaro, C.A.)   Jul. 2017 – Set. 2018
Caracas – VE
- Led the manufacturing team.
- Developed an automated system for recording production data, indicators, metrics, analysis, and control of raw material inventory and product inventory.
- Increased production capacity by more than 200%.

Education

Data Scientist Nanodegree, Udacity	Sep. 2021 – Jan. 2022
Python 3 Programming Specialist, University of Michigan on Coursera	Apr. 2021 – Sep. 2021
MSc., University Of São Paulo	Sep. 2019 – Nov. 2022
MBA, University Of São Paulo	Fev. 2020 – Mai. 2022
Materials Engineer, Simon Bolivar University.	Sep. 2011 – Mar. 2018