EDUARDO TADASHI MORI

MATHEMATICIAN - DATA SCIENTIST

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PROFILE

Mathematician with experience in process optimization, programming, and team management. Certified data scientist professional.

Supervised the project and execution of industrial processes, working with multidisciplinary and multicultural teams. Highly logic-driven, self-driven, with a strong problem-solving mindset and unparalleled work ethic.

SKILLS

- English
- Japanese
- Python / Numpy / Tensorflow / SKLearn/ Pandas / Jupyter / SQL
- Word / Excel / PowerPoint
- AWS Sagemaker / S3 / Cloud9
- Statistical inference / Time series

PROJECTS

ADAPTIVE DECISION TREE

Personal project of a customized decision tree to maximize profits, classifying the data using entropy in the early nodes and profit gain close to the leaves.　　Article　　Library

CUSTOM RANDOM FOREST

Tree ensamble using the adaptive decision tree, maximizing profits instead of the usual performance metrics.　　Article

COURSES

- Data scientist professional - Datacamp
- Machine Learning Specialization - Coursera
- Practical Data Science on the AWS Cloud - Coursera
- Extreme Gradient Boosting with XGBoost - DataCamp

EDUCATION

BACHELOR OF SCIENCE: MATHEMATICS

Universidade de São Paulo, SP

2007 - 2014

EXPERIENCE

MECHANICAL PROJECT DESIGNER

Termix Climatização Ind. e Com., Diadema/SP

2017 - 2021

- Process optimizations using Python, LISP and PLC.
- Storage optimization and control over website in Ruby on Rails

STOCK ANALYST

Banco Fator, São Paulo

2010 - 2011

- Spreadsheet automation with VB and SQL.
- Stock analysis.

YOUTUBER

Youtube

2008 - 2021

- Website programming in Ruby on Rails
- AI origami generator development