

Fernando Maletski

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PROFESSIONAL PROFILE

Data Scientist with 2 years of experience designing and applying predictive statistical and machine learning models for trading.

- Fluent in Python (2 years), the scientific stack: numpy, pandas, scikit-learn and R
- Experienced in data extraction, transformation, and loading (ETL) using python and SQL
- D3.JS, python (matplotlib) and R for data visualization and github for version control
- Familiar with Linux (Ubuntu, Red Hat, SUSE and Arch), Windows and macOS for development
- Experienced in stock trading using statistical models (5 years) and project management (4 years), bilingual Brazilian Portuguese and English

DATA SCIENCE PROJECTS

ENRON Person of Interest Identifier | Python | EDA | Machine Learning

github.com/fmaletski/enron-poi-identifier

- Build a machine learning model to identify persons of interest using the ENRON financial dataset
- Explore many different algorithms, parameters and feature combinations to ensure the best possible performance

NYC Taxi Trip Interactive Choropleth | D3.JS | Data Visualization | Python | ETL

github.com/fmaletski/nyc-taxi-map

- Create an interactive data visualization using a NYC Taxi & Limousine trip dataset to help identify patterns
- Convert the dataset from trip based to location statistics, merge it with GeoJSON data (converted from Shapefile)

Exploration of Red Wine Composition | R | EDA | Machine Learning

github.com/fmaletski/eda-redwines

- Explore red wine chemical composition using univariate and multivariate approaches to identify relationships
- Create a machine learning model that classifies red wines into above and below average using its chemical composition

PROFESSIONAL EXPERIENCE

Private Investment Club, Curitiba, PR - Brazil

Investment Manager - Data Scientist, September 2015 - June 2017

- Designed and maintained statistical and machine learning models for real-time analysis of stock price fluctuations
- Managed market neutral stock portfolios using said models (pair trading)

MKI Metalúrgica, Curitiba, PR - Brazil

CEO - Founder, October 2012 - April 2015

- Managed a team of ~120 employees on construction projects all around the country (fabrication and assembly of heavy industrial equipment)
- Coordinated company resources (people, cranes, and machinery) to finish the projects as efficiently as possible
- Mediated project management meetings with clients to fulfill deadlines and budgets

Elgam Metalúrgica, Campo Largo, PR - Brazil

Investment Manager, December 2009 - October 2011

- Managed a investment portfolio to maximize profits (stock, options, bonds)
- Created statistical models for trend prediction

EDUCATION

Bachelor of Science in Mechanical Engineering

Universidade Positivo, Curitiba, PR, Brazil - December 2011

Data Analyst Nanodegree

Udacity - Nanodegree - October 2017