

Gustavo Flores

DATA SCIENTIST / DATA ANALYST

Rua Florêncio Ygartua, 200/604 - Porto Alegre

+5551 981500826 | gustavopereiraflores@gmail.com | datacamp.com/profile/gpfl | github.com/gpfl | linkedin.com/in/gpfl

Professional Summary

- Expertise in **Data Science** and **Machine Learning** for Data wrangling, Data Visualization, Dimensionality Reduction, Regression & Classification modelling and Clustering algorithms (using **python**, **R**, **Octave/Matlab** and **Tableau**.)
- Knowledge of **SQL**, **C**, **git** and **Linux / Shell** script.

Work Experience

XL7 Data Science & SLC Agrícola - AIA Project - Artificial Intelligence for Agriculture

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Jan/2019 - Current

- Conducted collaborative work for developing and successfully implementing Machine Learning models for predicting yields of cotton, soy and corn per hectare (XGBoost, RandomForest, GLM & Keras).
- Applied Dimensionality reduction techniques such as PCA and UMAP.
- Validated those models using Statistical learning techniques. Designed a dashboard for Data Viz using RMarkdown and flexdashboard.
- Designed a dashboard for Data Viz using RMarkdown and flexdashboard.
- Carried out several data wrangling tasks as data cleaning, imputing, importing and merging datasets.

XL7 Data Science - Mercadômetro Project (www.mercadometro.com.br)

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Jan/2019 - Current

- Collaborated implementing and tuning XGBoost models for predicting Wages and Salaries.
- Performed cross validation and performance analysis on predictions.
- Implemented unit test and ML test routines on the data pipeline.
- Created and organized a project's repository on Github.

Education

CS50x Introduction to Computer Science

HARVARDX(EDX)

Online

Currently

Machine Learning with Andrew Ng

STANFORD ONLINE

Online

2019

Data Scientist with R Career Track (94h)

DATA CAMP

Online

2018

Machine Learning A-Z: Hands-On Python & R in Data Science (40h)

UDEMY

Online

2018

Master Degree in Economics (Incomplete)

FGV-SP

São Paulo - SP

2016/1 - 2017/1

Bachelor Degree in Economics

UFRGS

Porto Alegre - RS

2010/2 - 2014/2

Languages

- **IELTS Academic Test** for English Proficiency - Overall score: 7.5/9.0