Gustavo Flores

DATA SCIENTIST / DATA ANALYST

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Professional Summary

- Expertise in **Data Science** and **Machine Learning** for Data wrangling, Data Visualization, Dimensionality Reduction, Regression & Classification modelling and Clustering algorithms.

- Specialist in **Python**, **R**.

- Knowledge of **Flask (python)**, **Javascript** (**jQuery**, **Highcharts.js**, **Plotly.js**), **Octave/Matlab**, **SQL**, **C**, **git**, **Linux** and **Tableau**/**Qlik** softwares.

Work Experience

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

DATA SCIENTIST / DATA ANALYST   *Jan/2019 - Current*

- Conducted collaborative work for develping and sucessfully implementing Machine Learning models for predicting yields of cotton, soy and corn per hectare (XGBoost, RandomForest, GLM & Keras).
- Applied Dimensionallity 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)

DATA SCIENTIST / DATA ANALYST   *Jan/2019 - Current*

- Collaborated implementing and tunning 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	*Online*
HARVARDX(EDX)	*2019*
Machine Learning with Andrew Ng	*Online*
STANFORD ONLINE	*2019*
Data Scientist with R Career Track (94h)	*Online*
DATACAMP	*2018*
Machine Learning A-Z: Hands-On Python & R in Data Science (40h)	*Online*
UDEMY	*2018*
Master Degree in Economics (Incomplete)	*São Paulo - SP*
FGV-SP	*2016/1 - 2017/1*
Bachelor Degree in Economics	*Porto Alegre - RS*
UFRGS	*2010/2 - 2014/2*

Languages

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