

# Gustavo Pereira Flores.

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## Skills

### Data Science

- 📌 Implementing Machine Learning and Deep Learning predictive models using Scikit-learn, Pyspark-mllib, caret e Keras.
- 📌 Practical knowledge of Big Data and cloud tools Spark, Hadoop e AWS (EC2 e S3).
- 📌 Implementing Recommender Systems using Cosine Similarity and SVD.
- 📌 Applying Dimensionality reduction techniques such as PCA and UMAP.
- 📌 Designing dashboards for Data Visualization using Highcharts.js, Dash e RMarkdown.
- 📌 Carrying out tasks such as data cleaning, feature engineering, imputing and merging datasets.

### Programming

- Coding 📌 PYTHON, R, SPARK, MATLAB, SQL & GIT.
- Cloud 📌 AWS EC2, AWS S3, DOCKER
- Web Dev 📌 HTML, CSS, JAVASCRIPT, FLASK (python).
- Platforms 📌 Anaconda Enterprise, Jupyter Lab, Hue SQL Assistant, Teradata SQL Assistant.

### Languages

- 📌 Fluent English, Portuguese native speaker.

## Employment History

### DBC Company - Outsourcing at Lojas Renner S.A. and Banco Sicredi

Dec/2019 - ... 📌 **DATA SCIENTIST / DATA ANALYST**

- **Lojas Renner S.A. – Analytics Squad (Currently)**

Collaborated with other Data professionals to develop analytics regarding the impacts of COVID-19 on sales. We analysed reflections on store performance and also product, stock and client data to form a detailed report.

- **Sicredi Insurance Project – Data Analyst**

Conduction of exploratory data analysis for Agricultural and Car Insurance with the objective of finding patterns from data and draw opportunities for the business area. Data sources in a hadoop cluster, analysed with Pyspark.

### XL7 Data Science

Jan/2019 – Nov/2019 📌 **DATA SCIENTIST**

- **SLC Agrícola AIA Project – Machine Learning Specialist**

Conducted collaborative work for developing and implementing predictive Machine Learning models. Evaluation metrics for predictions and report. Active role in client meetings, answering as technical leader of Data Science.

## Employment History (continued)

### XL7 Data Science

#### DATA SCIENTIST

##### ▪ Mercadômetro Project – Machine Learning Specialist

Collaborated with Wage forecasting based on total income and social-economic aspects of Brazilian workers. Conducted validation tests on the prediction results.

##### ▪ J&H Sementes Project – Machine Learning Specialist

Conducted development and parametrization of machine learning models. Created virtual repositories for the project and helped organize sprints of development. Created interactive dashboards that was part of the final product. Active role in client meetings, answering as technical leader of Data Science.

### FGV-SP

Jan/2015 – Sep/2016

#### BOLSISTA CNPQ (RESEARCH ASSISTANT) – MASTER IN ECONOMICS

- Research in Macroeconomics, Microeconomics and Econometrics.







### UFRGS

Mar/2011 – Dec/2014




#### BOLSISTA INICIAÇÃO CIENTÍFICA (RESEARCH INTERNSHIP)

- Obtaining time series for inflation, GDP, Exchange rates in Brazilian government repositories (SGTS from Bacen, IBGE Series and COMEX). Deflation and correction of time series, statistical modelling assist for econometric analysis.
- Science fair Presentation "Persistência das Desigualdades Regionais no Brasil", 2014.
- Science fair Presentation "Economia Comportamental e Experimental", 2013.
- Collaborated in the project "Impactos da Atuação da UFRGS na Economia do Rio Grande do Sul (2012)", conducted by prof. Fabrício Tourrucôo, prof. Sérgio Monteiro and prof. Sabino Porto Junior.

## Courses

- 2020  **Big Data Specialization.** UCSanDiego, Coursera.
- 2019  **Deep Learning Specialization.** deeplearning.ai, Coursera.
-  **Machine Learning with Andrew Ng.** Stanford, Coursera.
-  **CS50x Introduction to Computer Science.** HarvardX, EdX.
- 2018  **Data Scientist with R Career Track (94h).** Datacamp.
-  **Machine Learning A-Z: Hands-On Python & R in Data Science (40h).** Udemy.

## Education

- 2020/1 – .....  **Data Science Specialization (Currently),** PUCRS, Brazil.
- 2015/1 – Incomplete  **M.Sc. Economics,** FGV-SP, Brazil.
- 2010/2 – 2014/2  **B.Sc. Economics,** UFRGS, Brazil.