

# Lucas Queiroz



## Career Objective

I am enthusiastic about machine learning and data science topics, and I am looking for an opportunity to have a hands-on experience, learn more about these fields, and share my ideas and expertise.



## Projects

### Modelling the influence of weather conditions on traffic accidents in Calgary using machine learning algorithms

- Designed to help emergency services to estimate and optimize resources based on weather conditions
- Performed exploratory data analysis and implemented several supervised and unsupervised learning algorithms (Linear Regression, Random Forest, DBSCAN, among others).
- Complete article can be accessed on [LINK](#)

### Mobile price prediction – SVM and logistic regression comparison

- Designed to find the best mobile selling price based on its features. Developed using the [Kaggle Multi-classification](#) dataset.
- Performed data treatment and applied SVM and logistic regression models. One-vs-Rest and One-vs-One techniques are implemented to adjust the data for the models.
- Complete project can be accessed on [LINK](#)



## Professional

### Lubrizol – Rio de Janeiro, Brazil Sales Department

Mar 2017 – Jun 2019

Global company that supplies specialty chemicals for the transportation, industrial, and consumer markets.

- Proven performance – started as an intern and promoted to sales coordinator.
- Advocated a great relationship with customers: understanding their needs, providing technical support, and offering the right solution.
- Developed a tool in Excel to automatically quote products based on Lubrizol's internal database.
- Compiled the regional market data, projecting it on a map to improve the approach of the sales team towards the clients.
- Created a new database of product samples delivered and used it to find new business opportunities.
- Handle a fast-paced environment with weekly meetings to plan strategies and update metrics with the sales team.



## Volunteer

### Great Lakes Top Boat Co. - Knoxville, United States Jun 2016 – Jul 2016

The project aimed to apply lean techniques to improve the company's inventory. Based on cause-and-effect analyses and several field trips, we suggested several novel solutions, such as digital KANBAN.

## Personal Information

Calgary, AB

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Portfolio: [lsantosq.github.io](https://lsantosq.github.io)



## Additional Skills

Python (Scikit, Pandas, Seaborn ...)

SQL

Data Visualization and Cleaning

Statistics / Minitab

MATLAB / Scilab

MS Office / Excel-VBA



## Certifications

SQL for Data Science (Coursera) / 2020

Neural Networks and Deep Learning (Coursera) / 2020

Structuring Machine Learning Projects (Coursera) / 2020

Improving Deep Neural Networks (Coursera) / 2020



## Education

### University of Calgary, Calgary, AB

*M.Eng in Chemical Engineering, GPA 3.9/4.0, In progress*

### Rio de Janeiro State University, Brazil

*B.Sc. in Chemical Engineering, GPA 8.7/10.0, 2018*

### Purdue University, Indiana, US (Exchange Program)

*B.Sc. in Chemical Engineering, GPA 3.8/4.0, 2016*

*Full scholarship provided by the Brazilian Federal Government*