Toronto, ON

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LIEBY CARDOSO

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PROFESSIONAL EXPERIENCE

Data Scientist — Mediar IDXP Analytics — 2017-2018

- Improved the searching timing process by 20% by redesign the data warehouse nested data model
- Implemented algorithms and cloud functions to process, cleaning and correlate shopper behavior data, brand promotion plans and video of shoppers' journeys – Basket analysis
- Developed a Flask API that queries the Bigquery tables based on endpoint parameters, formatted the result and delivery it to Klipfolio Dashboard
- Reduced by 70% the cost with a third-party contract by implementing a cloud function solution that standardizes brands name and updates the manufacturer database

Technologies: Python, Flask RESTful API, SQL, GCloud Functions, Bigquery, NLTK, MLxtend, Apriori

Quality Assurance Manager — CPS — 2012-2017

- Extraction, analysis, and distribution of financial, strategic and statistical information using PL / SQL, Crystal Reports, MicroStrategy, Excel and Oracle
- Delivery over than 25 key performance indicators (KPI)
- Plans and coordinate several types of audit: client (Big 4), internal, security and certification

Technologies: Crystal Reports, MicroStrategy, Excel, Oracle, ISO 20.000, ISO 9.001, SOX Act

Programmer — CPS — 2008-2011

- Developed several functionalities for the calculation of mortgages financial routines as monthly installment and interest rates
- Created more than 15 interface files for communication with banks (Citibank, HSBC, Santander) and financial institutions following current legislation

EDUCATION

Lambton College Toronto - **Cloud Computing for Big Data**	SEP 2018 - MAY 2020
Udacity - **Nanodegree Data Analyst**	2017
Estácio de Sá - **MBA – Project Manager PMI**	2014
Newton Paiva - **Information System, B.Sc**.	2009

PROJECTS

Github repository: github.com/liebycardoso (for additional information and projects)

Refugee journey liebycardoso.github.io/refugee/ — 2017
- Developed an interactive graphics website using D3.js to demonstrate the size of the refugee population present in each country for each year from 1951 to 2016

Technologies used: D3.js, JavaScript, HTML and CSS

Enron - Fraud detection github.com/liebycardoso/ML_Enron — 2017
- Predicted which Enron employees were involved in fraud
- Evaluated Machine Learning Algorithms
- Parameters tuning

Technologies used: Python, Sklearn, GridSearchCV, Pipeline, SelectKBest, PCA and Cross-validation

Human Resources-Who is leaving the company? github.com/liebycardoso/Explore_Summarize — 2017
- Used machine learning, decision Tree and linear model - to predict results

Technologies used: R, rpart, pROC, dplyr, ggplot2 and corrplot

SKILLS

- Positive, Curious, fast learner with the ability to multi-task in a fast-paced work environment
- Team Player, willing to take on more responsibilities as needed and work to complete the team deadlines
- Python, SQL, RESTful Flask API, Bigquery, Gcloud, Basket analysis, NLTK, MLxtend, Apriori, Sklearn, D3.js, JavaScript, HTML, CSS, Klipfolio, MicroStrategy, Oracle, R, ggplot2, Matplotlib, Seaborn, Pandas, MongoDB, A/B Test, Java

HONOR AND ACTIVITIES

Tanzania Development Trust / United Nations - Humanitarian OpenStreetMap Team Volunteer — 2017 - Present