Toronto, ON

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LIEBY CARDOSO

liebycardoso.github.io
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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
- Migrated and updated over than 40 reports from ReportBuilder to Crystal Reports

Technologies: Delphi, Oracle, Crystal Reports e SVN

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

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

HONOR AND ACTIVITIES

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