VITOR
AZAMBUJA

DATA ANALYST
RISK MANAGEMENT & FRAUD DETECTION EXPERT

CONTACT

WEBSITE
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EDUCATION

Business Administration

IBMEC - RJ

Conclusion: Jun/2015

Mechanical Technician

FAETEC FERREIRA VIANA

Conclusion: Dec/2009

SUMMARY ABOUT ME

Data Analyst with 8+ years of experience in delivering data-driven solutions for risk management and fraud detection in fast-paced environments.

Proficient in Python, Power BI, and SQL, with a proven track record in developing predictive models and insightful data visualizations.

Seeking to leverage expertise in data analysis and strategic insights to contribute to an organization working remote from Brazil. I also consider work to foreign companies as a contractor.

JOB EXPERIENCE

Sr. Fraud Marketplace Data Analyst
Shopee - Apr/22 to Current

•Developed and managed automated data workflows, integrating Hive, Google Sheets, and internal dashboards, eliminating manual work, resulting in an increase in the operational efficiency as it enabled the reallocation of resources to higher value tasks.

•Creation of an automatic user ban system that is executed using google service account, gsheets API and python script via POST request.

•Led data analysis initiatives for fraud prevention, devising strategies that reduced marketplace fraud by ~15%.

•ML models comparison analysis to create strategies for a new OTP feature that reduced PNR loss in ~60%

SKILLS

Languages
Fluent in English and Portuguese

Data Analysis
Work experience in ETL, Data Cleaning and BI using SAS, SQL, SparkSQL and Python pandas, numpy, SQLAlchemy, PyHive and others libraries

Data Visualization
Work experience creating reports and dashboards using Power BI, Looker Studio, Matplotlib, Seaborn, Plotly and Streamlit. In addition Folium for geolocation and Networkx for network graphs

Machine Learning
Work experience creating, comparing and monitoring statistical models like Decision Trees, Linear/Logistic regression to:
Prevent credit card default,
Detect Credit card onboarding frauds,
Detect Credit card fraud transactions,
Detect Marketplace Frauds like Return Refund Abuse, Shipping Fee Fraud, Voucher Fraud and others

Additional Skills
•Solid knowledge in webscrapping and API usage to get and post data.

•Work experience automating tasks using python GET/POST requests, selenium webdriver, task scheduler and chrome dev tools.

•HTML5 and CSS3

•Knowledge in Git and version management with Github

JOB EXPERIENCE

Sr. Fraud strategy analyst - Digital Accounts
Banco Safra - Mar/21 to Apr/22

•Creation and alteration in fraud prevention strategies in onboarding of digital checking accounts and also monitoring the developed rules.

•Opportunities analysis in creating rules in PIX, TED/DOC transactions.

•Participation in migrating data to Cloudera.

•Development of a dashboard web application with python streamlit to monitor checking accounts transactions.

Fraud strategy analyst - Credit Cards
Bradesco Cartões - Feb/18 to Mar/21

•Creation and monitoring fraud prevention performance indicators, both for credit card transaction and credit card onboarding.

•Development of fraud prevention studies to create rules that supports the board's decisions, through statistical models aiming the reduction of fraud risk, increase of automation proccess and improving of approval rate. From 2018 to 2019 the rules implemented reduced the onboard fraud in ~50%.

Credit risk analyst - Credit Cards
Banco Losango - Aug/14 to Feb/18

•Creation of a Decision Tree model that automated from ~60% to 100% the credit card onboard decisions, reducing credit default in ~20%, increasing approval rate in ~5% and eliminating all of high costs of manual analysis.

•Homologation, implementation and monitoring changes in credit policies.

•Presentation of new policy changes suggestions and related reports in credit commitees to C level.

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