Filipi Teles

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EXPERIENCE

CNP Seguros Holding Brasil | *Business Intelligence Analyst*   Sep. 2019 - Present
- Implemented automation of data wrangling and data analysis using pandas and matplotlib, which reduced processing time by 60%.
- Built 8 dashboards using Power BI with the goal of mapping and giving meaningful insights to stakeholders regarding the company's Operational Losses, Intern Controls and Cybersecurity Vulnerabilities.

Federal District Civil Police | *Undergraduate Research Project*   2020
- Developed interactive platform using Microsoft Power BI to extract data through SQL queries and generate reports regarding Motor Vehicle Collisions(MVC).
- Implemented meaningful data analysis that led to graphs such as geographical heat map and bar plots regarding MVC, the road speed limit and the distribution of accidents per month.
- Successfully created a system that can give support to government agencies to adapt their policies to help curb the number of deaths and injuries caused every year due to Motor vehicle collisions in Brazil.

CNP Seguros Holding Brasil | *Internship*   Jul. 2018 - Sep. 2019
- Used SQL, Python and R to automate data wrangling and data analysis.
- Created data visualization with matplot lib and Excel.
- Built interactive dashboards using Python's Bokeh and dash, R's Shiny Dashboard and Excel.

PROJECTS

Mortality prediction in Intensive Care Units using Artificial Neural Networks | Jan. 2022 - May. 2022
- Extracted data from 12 different related tables on MIMIC III medical Database using Google BigQuery.
- Perfomed data cleaning on 550 million lines, identifying the relevant vital signs and laboratory tests, which reduced the database by 90% using SQL.
- Utilized Python to analyze over 45000 Intensive Care Units stays.
- Aggregated and visualized the data by using pandas, matplotlib and seaborn to gain insights on pacient's information.
- Sucessfully implemented a Deep Learning algorithm using Scikit-Learn and TensorFlow to predict pacient's mortality in ICU, producing a model with an accuracy of 77%, Recall of 81% and AUROC of 86%.

SKILLS

- SQL (Google BigQuery).
- Python (Pandas, Numpy, MatplotLib, Bokeh, Seaborn, Scikit-learn, TensorFlow).
- R (Dplyr, Tidyr, Ggplot2, Readr, Shiny, Stringr).
- Excel (Pivot Tables, VLookup, HLookup, Conditional Formatting).
- Power BI.
- Google Colab
- Jupyter Notebook
- English: Fluent
- Portuguese: Fluent
- Japanese: Basic

EDUCATION

University of São Paulo   Dec. 2024
MBA in Data Science and Analytics

University of Brasilia   May. 2022
Bachelor's degree, Computer Engineering

Shibaura Institute of Technology   Sep.2014 - Sep. 2015
Computer Engineering - Undergrad Exchange Student

CERTIFICATES

TOEFL iBT   2013
93/120

TOEFL ITP   2017
629/677

JLPT   2015
N5

Udemy   2021
Python for Data Science and Machine Learning Bootcamp