

CRISTIAN GRIEBLER

Skills

- Python (Pandas, NumPy, Seaborn and Matplotlib)
- TensorFlow, Scikit-learn and Keras
- SQL (SQL Server, MySQL, PostgreSQL)
- Microsoft Power BI (VBA/Excel, DAX)
- Tableau, Streamlit and Plotly
- HTML, R and Django
- SCRUM, Agile Methodology, Kanban
- Microsoft Azure (DataBricks, Warehouse)
- Machine Learning (SVM, XGBoost, NLP)
- Deep Learning (RNN, CNN, LSTM)
- AWS, GCP, PySpark, Hadoop
- Github, GitLab and Docker

Projects

ARTIFICIAL INTELLIGENCE PROJECTS – Federal Institution Project – Londrina, PR (Brazil) Oct 2021

- Development of Oil price forecasting using predictive models (**SVM, XGBoost, RNN and LSTM**)
- Data augmentation of fingerprint datasets using deep learning models (**CNN and Visual Transformers**)
- Project of data extraction from foreign documents using **OCR, NLP** and **Pytesseract**

DATA ENGINEERING AND DATA ANALYSIS – Virtual Client's Project – New Jersey, NY (USA) Aug 2022

- Development of multiple **dashboards (Tableau, Streamlit, plotly)** to evaluate the lifetime, price, maintenance, and replacement of products generated a 10% decrease in product loss
- Ensure **data quality** and **governance** by managing and developing **data models** and schemas (**AWS, Azure, Power BI**)
- Implemented a new reporting using **Python**, which reduced processing time by 50%

SOFTWARE DEVELOPMENT AND BUSINESS INTELLIGENCE – Well be Health Tech – Curitiba, PR (Brazil) Feb 2023

- Developed a feature for data extraction using **SQL** queries and increased the **ETL** performance by 20%
- Performed **statistical analysis** to successfully identify that **data engineering** is the best option for each health insurance company
- Loaded and visualized data with **Python** to identify key business intelligence that improved client satisfaction by 30%.

Work Experience

DATA SCIENTIST – Well be Health Tech – Curitiba, Brazil Dec 2022 - Current

- Utilized **SQL** and **Python** to implement more than 2,000 lives in company's BI tool
- **ETL** process of multiple data file formats(pdf, txt, word, ppt) to identify the database relation and upload to **cloud database**

DATA SCIENTIST/SOFTWARE DEVELOPER – Penguin Technologies – New Jersey, USA Aug 2022 – Dec 2022

- Created multiple dashboards with **Power Bi, Tableau** and **Plotly** to help clients analyse the performances of business
- Transformed and processed the client's data by using **DAX, Excel, Python** and **SQL** to ensure data completeness and validity
- Provided technical insights on how the client can fully use their data by introducing **cloud computing** technologies

ARTIFICIAL INTELLIGENCE/ML ENGINEER – SENAI – Londrina, Brazil Sep 2021 – Sep 2022

- Translating business requirements into actionable analytics projects that drive data-driven decision-making and align with the business strategy
- Experience with **Scikit-learn, Keras** and **TensorFlow** libraries to create, train, and evaluate machine learning models to prediction and classification of data (**ETL, Model Evaluation, Parameter Tuning**)

Education

DOCTORATE IN PHYSICS – Instituto de Radioproteção e Dosimetria – Rio de Janeiro, Brazil June 2023

Majors: Medical Physics, Radioprotection, Computer Engineering, Nuclear Physics, Biostatistics, Statistics

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING – Universidade Tech. Federal do Paraná – Curitiba, Brazil June 2018

Majors: Medical Physics, Physics, Nuclear Physics, Biomedical Engineering, Biostatistics

BACHELOR OF SCIENCE IN PHYSICS – Universidade Estadual de Londrina – Londrina, Brazil Dec 2016

Majors: Physics, Mathematics, Statistics, Nuclear Physics