

CRISTIAN GRIEBLER

Skills

- Python (Pandas, NumPy, Seaborn and Matplotlib)
- TensorFlow, Scikit-learn, Keras and Pytorch
- SQL (SQL Server, MySQL, PostgreSQL)
- Microsoft Power BI (VBA/Excel, DAX)
- Tableau, Streamlit and Plotly
- HTML, Java and Scala
- SCRUM, Agile Methodology, Kanban
- Microsoft Azure (DataBricks, Warehouse)
- Machine Learning (SVM, XGBoost, NLP)
- Google Analytics, Amazon QuickSight
- AWS, GCP, PySpark, Hadoop
- Github, GitLab and Docker

Projects

MACHINE LEARNING PROJECTS – Federal Institution Project – Londrina, PR (Brazil)

Oct 2021

Developed oil price prediction models using **SVM, XGBoost, RNN, and LSTM**

Applied **NLP and LLMs** for sentiment analysis and topic modeling in documents

Performed **data augmentation** of fingerprint datasets with deep learning models (**CNN and Visual Transformers**)

Developed a project for data extraction from foreign documents using **NLP and LLMs**

DATA ENGINEERING AND DATA ANALYSIS– @TECH – SAO PAULO, BRAZIL

Aug 2022

Development and analysis of **Computer Vision** models and **predictive model** for analysis of production (**Computer Vision, ML**)

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

Predictive and classification models for **data analysis** in the company database (**Machine Learning, Neural Networks**)

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 – @TECH – Sao Paulo, Brazil

Dec 2023 - Current

Automated **ETL** processes with **Python and SQL**, uploading data into the warehouse

Created interactive **dashboards** with **Power BI and Google Looker Studio** to represent company KPIs

DATA SCIENTIST – Well be Health Tech – Curitiba, Brazil

Dec 2022 - Nov 2023

Utilized **SQL and Python** to incorporate more than 2,000 lives into the company's **Business Intelligence** platform

Handled **ETL** processes for various file formats (PDF, TXT, Word, PPT) to identify relationships and upload them (**Data analysis**)

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

Aug 2022 - Dec 2022

Developed **dashboards** with **Power BI, Tableau, and Plotly** to assist clients in business performance analysis

Processed and transformed client data using **DAX, Excel, Python, and SQL** to ensure completeness and validity

PRODUCT OWNER/SCRUM MASTER – SENAI – Londrina, Brazil

Sep 2021 - Sep2022

Worked in **Business Intelligence** managing data science projects that aligned with business strategies.

Experience with **Scikit-learn, Keras and TensorFlow** libraries to create, train, and evaluate **machine learning** models to data **prediction and classification**

Education

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

Feb 2024

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