

Cristóbal Torres Rojas

Data Scientist

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ABOUT ME

Data Scientist with a strong background in mathematics and over 2 years of expertise in developing AI models using **Python**. Proven ability to transform complex data into actionable insights to solve real-world problems.

MOST RECENT WORK EXPERIENCE

Data Scientist - DataQu

[2022 - Present]

- **Vehicle Pricing Model:** Developed using **NumPy**, **SciPy**, **Pandas** and **Scikit-learn**, integrated into a web app to optimize buy/sell prices.
- **Political and Social Analysis:** Automatic generation of reports for media outlets, using social media scraped data and Natural Language Models.
- **Mining Optimization:** Created and integrated a recommendation system for key variables to improve copper recovery, using Stochastic Simulations to evaluate different mineralogical scenarios and **Matplotlib/Seaborn** for visualization.
- **AI Model for Workplace Accidents:** Developed and implemented a Large Neural Network using **PyTorch** and **HuggingFace**, to identify competencies in port accidents, in collaboration with a certification company.

Data Scientist - Independent

[2020 - Present]

- **Product Recommendation System:** Developed a recommendation system for an e-commerce platform using text-to-vector algorithms.
- **Skin Cancer Detection:** Currently developing an AI model for early detection of skin cancer through medical images using Large Image Models with **OpenCV**.

EDUCATION

Master's degree in mathematics - PUCV [2018 - 2020]

Bachelor's degree in mathematics - PUCV [2013 - 2017]

SKILLS

~ Python

~ SQL

~ NoSQL

~ Git

~ Data Analysis

~ Data Visualization

~ Text Mining

~ Web Scraping

~ Machine Learning

~ Artificial Intelligence

~ Deep Learning

~ Large Language Models