

+1 438 540 4786
varvenza.com
andryaswawrzenczak@gmail.com
/in/andryas
andryas

Andryas Wawrzenczak

Data Scientist

Chem. Mackle, Côte Saint-Luc, QC

Skills

- Data scientist with a bachelor's degree in Statistics and over 5 years of experience solving business problems through data. Straightforward professional with experience working with stakeholders, understanding what needs to be done invariant to technology.
- Solid knowledge building Shiny Apps and Scrapy environments in different clouds.
- Solid knowledge building Statistical/Machine Learning models and developing the end-points, begin to end.
- Skilled in extracting and manipulating data from various database systems, including MongoDB, Elasticsearch, and MySQL. Proficient in querying databases and utilizing data manipulation tools to extract valuable insights for decision-making purposes
- Languages: **Portuguese** (Native), **English** (Fluent), **French** (Debutant) and **Spanish** (Un poco)

Programming

R, Python, MongoDB, MySQL, ElasticSearch, Javascript, HTML, CSS, Cpp, Git, Ubuntu, Mac, Windows, Docker, \LaTeX , Rabbitmq, Shinyproxy, Shinyserver, AWS, GCP, Caret

Certificates & Awards

- 2018 LEG UFPR, Data Science **Hackathon in Car Valuation**
- 2018 RBRAS, Interactive Tool for **Studying Probability Models**

Education

2014 – 2019, Bachelor's degree **Statistics** at FEDERAL UNIVERSITY OF PARANÁ, Curitiba - PR, Brazil, **GPA: 7.4/10**

Experiences

5 most recent experiences
access my LinkedIn to see all

Oct. 2021 – **Data Scientist**
Present

at **Capital**, São Paulo, Brazil

- Developed a comprehensive crawler ecosystem to gather real estate data.
- Developed software (Shiny) to structure the entire asset valuation pipeline from scratch. This software allows you to analyze the project's viability, real estate market analysis and urban accessibility analysis.
- Responsible for overseeing all technical aspects within the organization, including infrastructure, software development, and IT operations.

May. 2022 – **Data Engineer Consultant**
Dec. 2023

at **Gaia**, Mexico City, Mexico

- Build an architecture on AWS to crawl e-commerces and other sources.
- Developed forecast for the entire catalogue using time-series models and a top-bottom approach.

Apr. 2021 – **Data Scientist Consultant**
Jan. 2022

at **MadeiraMadeira**, Curitiba, Brazil

- Deployed software to manage the previous search algorithm I had built and improved the search algorithm to fit business purposes.
- Supported the marketing to measure marketing campaigns with A/B tests.

Apr. 2021 – **Data Scientist**
Sep. 2021

at **Kzas**, São Paulo, Brazil

- Built a webscraping architecture that collects real estate data from websites processing more than 1 million listings.
- Designed and implemented a data pipeline to standardize and enrich data collected from the web.
- Deployed a statistical model via API for pricing properties in the city of São Paulo and a user-friendly app (Shiny) providing a dynamic interface to interact with the model.

Nov. 2019 – **Statistical Analyst**
Apr. 2021

at **MadeiraMadeira**, Curitiba, Brazil

- Developed forecast for the entire catalogue using time series models.
- Conducted studies to optimize product allocation across marketplaces, leading to more efficient margins.
- Undertook a text mining project to gain insights into custom perspectives through product reviews, leading to better feedback from the stakeholders with the companies' sellers.
- Undertook a logistic project to measure and address key factors affecting product delivery time; the deliverable was a couple of reports written in markdown and a dashboard built in Shiny.
- Deployed product clustering algorithms to refine personalized product recommendations on the website.
- Implemented a search algorithm to optimize product arrangement on the website page.
- Developed crawlers for Brazil's five biggest e-commerce companies at the time, including a specific one for Google Shopping.