Nicolas Dominutti

About me

Machine Learning developer with over 3 years of industry expertise, specializing in crafting solutions for diverse sectors, including e-commerce, healthcare, and consumer packaged goods (CPG).
Proficient in data wrangling & data analysis. Skilled at creating, developing, deploying and testing models & services that effectively transform complex business challenges into actionable, results-oriented deliverables.

Contact

- Born on 1995, Age 28
- ndominutti@gmail.com
- City of Buenos Aires, Argentina
- /ndominutti
- /ndominutti
- /@ndominutti

Languages

- Spanish - Native Language
- English - Advanced Knowledge

Certificates

- AWS Machine Learning Specialist Certification (*AWS, 2023*)
- Deep Learning Specialization (*Coursera, 2023*)
- Unit Testing for Data Science with Python (*Datacamp, 2022*)
- Machine Learing Specialization (*Coursera, 2020*)
- Data Science with Python (*Datacamp, 2019*)
- First (FCE) – CEFR level B2 (*U. of Cambridge, 2012*)

Volunteering

Formed part of a team working on a data for good project, involving gender violence complaints at an Argentinean jury. Project involved OCRs to read PDFs & ML models to estimate complaints warning degree (ODESLA).

💼 WORK EXPERIENCE

Ago 2021 - Oct 2023

Data Scientist 📍 Buenos Aires, Argentina
Rocking Data (ML consultancy company)

I've been a Machine Learning developer and consultant in projects for diverse clients across more than five different industries. These projects have covered recommendation systems, clustering methods, churn prediction models, and forecasting algorithms, yielding significant results for our clients:

- Enhanced TV ad optimization for a CPG company using Catboost, resulting in a 10% increase in incoming calls and substantial workforce time savings.
- Improved demand forecasting (over 2,000 products) for a motorcycle spare parts seller with LightGBM, achieving a 5% higher accuracy compared to the baseline ARIMA model.
- Implemented early loan default detection using survival analysis, leading to a 50% increase in process profits through improved loan sales to a third party.

I closely collaborated with various stakeholders, including data and MlOps engineers, QA testers, and business partners. I also initiated projects such as developing a library to expedite Data Scientists' work and creating an AWS CI/CD pipeline for custom Sagemaker images built on Docker.

Over the past six months, I've taken on the role of Technical Lead for several projects, leading teams of up to three members to ensure project success.

Tech Stack: Python - AWS - Docker - SQL

Ago 2019 - Jul 2021

Business & Data Analyst 📍 Buenos Aires, Argentina
Johnson & Johnson

- Johnson & Johnson Consumer Health
  - Developed a Python ETL pipeline for data from different Market/Media data sources & standarized update process for non-technical end users on Streamlit.
- Johnson & Johnson Medical Devices
  - Lead a public data gathering MVP involving developement of a webscrapping and data preprocessing pipeline with BeautifulSoup & Power BI reporting analytics environment to boost business decisions.
- The Janssen Pharmaceutical Company of J&J
  - Lead a new S&OP process to improve business forecasting accuracy and timing. Lead a PoC on demand modeling.

Tech Stack: Python - PowerBI

🎓 EDUCATION

Mar 2022 - Oct 2023

Master Degree 📍 Buenos Aires, Argentina
Universidad de San Andrés
Msc in Data Science
2 years program, covering a wide range of topics as probability, statistics, modeling, deep learning, data bases & cloud computing.

</> Projects

> Train and serve models using custom docker image in AWS ◯

> Finetune a BETO model into an NLI task to use in an STS problem ◯

> Implementation of style transfer neural network ◯

> Recommendation system implementation using AWS cloud stack 📓 ◯