

Francesco Giovanni Angeli *February 24, 1995*

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Experience

Marvik

MONTEVIDEO, URUGUAY

Machine Learning Engineer

July '24 – Currently

Contributed to the development and deployment of a generative AI image pipeline for a large-scale e-commerce platform, focused on transforming user-submitted fashion images to enhance product presentation and increase average order value.

- Developed core components of the pipeline using state-of-the-art generative and computer vision models for tasks including background removal, segmentation, relighting, image enhancement, and object detection.
- Trained and fine-tuned custom models, exposing production-ready inference endpoints for downstream frontend consumption.
- Collaborated with cross-functional teams to ensure model reliability, reproducibility, and smooth integration into the platform's ecosystem.

Tech Stack: Python, Docker, FastAPI, Airflow, AWS.

Bunker Db

MONTEVIDEO, URUGUAY

Senior Data Scientist

March '23 – July '24

Worked across both product development and enterprise consulting initiatives for a marketing intelligence platform.

- Designed and implemented backend logic for predicting key marketing KPIs using machine learning models, enabling automated visualization through the frontend.
- Delivered end-to-end consulting solutions for a large retail client, including the full development and deployment of a Marketing Mix Modeling pipeline and a complete Basket Analysis module.
- Built data pipelines and production-grade outputs feeding into automated dashboards, supporting strategic decision-making at scale.

Tech Stack: SQL, Python, Airflow, Docker, GCP, AWS.

Pedidos Ya -Delivery Hero

MONTEVIDEO, URUGUAY

Ssr. Data Scientist (IC2)

Jul '22 – March '23

End to end pipeline development of: clustering models for performance scoring with unsupervised techniques, LLM models with pytorch using huggingface models, rider demand forecasting with time series models.

Tech Stack: SQL (Bigquery), Python, Airflow, GCP.

Equifax

BUENOS AIRES, ARGENTINA

Ssr. Data Scientist

Sept '21 – Jul '22

Knowledge of credit bureau data. Data analysis, credit risks models and backtestings for financial segment (banks, fintechs and retails). Working on Google Cloud Platform using services like Cloud Storage, Bigquery and Virtual Machines. Currently migrating Python scripts and models to PySpark.

Tech Stack: SQL (Hive, Impala, Bigquery), Python, Pyspark, GCP.

Media.Monks

BUENOS AIRES, ARGENTINA

Analytics Consultant

Nov '20 – Sept '21

Experience in data analysis of retailers, ecommerces and airlines clients using Google Analytics information. Processing and reporting KPI's with Bigquery and Google Data Studio. Specific Knowledge in Attribution models for advertising how: Markov Chains, Shapley and Heuristic's.

Tech Stack: SQL(Bigquery), Python, R and G.suite: Analytics, Tag Manager and Data Studio.

Numerando App

TUCUMÁN, ARGENTINA

Data Scientist

Nov '20 – Feb '22

Experience in: Data analysis with Google Analytics information, and app events. Join sources (Analytics, App Databases and social media) for generate KPI's with python. And this ETL processes are deployed in G. Cloud using Cloud Functions and Cloud Scheduler. Finally this Kpi's are reported in G. Data Studio.

Tech Stack: SQL(Bigquery), G. Suite, Python, Google Cloud Services.

Ixpandit

BUENOS AIRES, ARGENTINA

Analytics Consultant - Freelance

Sept '19 – Jul '20

Dashboard development with python Dash deployed on AWS. Using data manipulation techniques with pandas and numpy.
Tech Stack: AWS, Python.

Education

ITBA	BUENOS AIRES, ARGENTINA
Diploma in Cloud Engineering	<i>Feb'22 – Dec '22</i>
Digital House	BUENOS AIRES, ARGENTINA
Intensive course in Data Science	<i>Feb'17 – Ago'17</i>
Universidad Nacional de Tucumán	TUCUMÁN, ARGENTINA
Bachelor degree in Economics	<i>Mar'15 – '22</i>
Universidad Nacional de Tucumán	TUCUMÁN, ARGENTINA
Bachelor degree in Electronic Engineering (Discontinued)	<i>Mar'13 – Feb'15</i>

Technical Skills

Python: Solid knowledge in data structures, data manipulation frameworks (Pandas, Numpy), API connections (FastApi, Flask).

R: Experienced.

Containerization: Docker, Docker Compose.

Data Orchestration: Apache Airflow.

SQL: Proficient in Postgres, Hive, Impala, DuckDB (high-performance analytics), Bigquery.

Big Data: Experienced with PySpark, Dask.

Machine Learning: Knowledge in Econometrics, frameworks such as Scikit-Learn, Statsmodel, Scipy, TensorFlow, Pytorch.

Cloud Platforms: Google Cloud Platform (GCS, Bigquery, Cloud Functions), Amazon Web Services (S3, Lambda).

Google Suite: Proficient in Google Analytics, Google Tag Manager.

Reporting Tools: Experienced with Google Data Studio, PowerBi, Tableau, Apache Superset.

Languages

Spanish (*mother tongue*), Italian (*proficiency*), English (*proficiency*).

Awards

Hackaton virtual de datos educativos 2020, Argentinos x la Educación, Finalist team

XLVII Coloquio Argentino de Estadística 2019, Undergrad research contest, 2nd place

Publications

Thesis degree: The leaky pipeline problem, COVID-19 big data: The impact of the pandemic on the gender gap in research production

¿Qué pasó en las PASO? Descifrando el sentimiento político con Machine Learning
