

Daniele Mingolla

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WORK EXPERIENCE

GLOVO

Data Scientist

MARCH 2024 — PRESENT

Barcelona, ES

- Design a targeted lunch promotion system by analyzing purchase patterns, ranking meals, and generating area-specific lists, projecting a €200K quarterly profit increase in ES.
- Evaluate EU-mandated discount policy using synthetic control method, quantifying a 30% decrease in average discount depth and a 99.6% reduction in fraudulent promotions.
- Create a Quick Commerce promo ranking algorithm to enhance affordability and store discovery; forecasting a 10 basis points grocery conversion rate increase, set to yield €4 million in annual incremental GMV.
- Implement a personalized promotion ranking system for the customer communications team, projected to boost conversion rates by 14 basis points and increase gross merchandise value by up to 0.28%.

SOCIALPOINT

Data Scientist

JANUARY 2023 — MARCH 2024

Barcelona, ES

- Spearheaded a comprehensive analysis of the arena mode within our game, resulting in a new matchmaking system that statistically increased ARPU for players by 5%, as confirmed through A/B testing.
- Implemented a genetic algorithm that optimized unit balance in a company-developed game, reducing manual adjustments by game designers and saving approximately 70% of their time.
- Engineered and maintained robust ETL processes, ensuring precise data and metrics aligned with business needs.

AMAZON

Data Engineer Intern

JULY 2022 — NOVEMBER 2022

Luxembourg, LU

- Enhanced the performance of several Spark jobs, resulting in a 20% reduction in AWS costs.
- Supported data-driven decision-making by building and monitoring SQL ETL pipelines that informed multiple Amazon QuickSight dashboards.
- Collaborated on a Graph Neural Network model to significantly enhance order forecasting for over 1,000 warehouses, improving service quality.

LUTECH

Analyst Developer Intern

JULY 2020 — SEPTEMBER 2020

Milan, IT

- Developed a predictive model that achieved an 80% precision rate in classifying hand-signed documents.
- Conducted in-depth statistical analyses and processed extensive datasets using PySpark on distributed systems.

EDUCATION

MSc IN DATA SCIENCE

University of Milano-Bicocca

OCTOBER 2022

Milan, IT

- Main courses: Statistical Modeling, Machine Learning and Decision Models, Data Management and Visualization.
- Thesis: [Federated and Distributed Machine Learning Models for Load Prediction at the Edge](#).

BSc IN COMPUTER SCIENCE

University of Perugia



JULY 2020

Perugia, IT

- Main courses: Algorithms and Data Structures, Software Engineering, Operating Systems, Databases, C, Java.
- Thesis: [Application of Machine Learning and Deep Learning Models for Sentiment Analysis on Hotel Reviews](#).

PROJECTS

PODCASTS

- [yLearner](#) : Host of a podcast with over 200 monthly listeners, featuring interviews with entrepreneurs and industry experts.
- [DataJourney](#) : Hosted 10 episodes for ProfessionAI, generating €6,000+ from 20 masterclass sales.

WELDING PROCESS ANOMALY DETECTION

- Designed a Welding Anomaly Detection system employing unsupervised Machine Learning and statistical analysis, leading to an 18% decrease in welding defects.

SKILLS

A/B testing, AWS ECS, AWS Lambda, AWS SageMaker, Apache Kafka, Causal inference, Docker, ETL, GitHub, PostgreSQL, Python, R, Redshift, SQL, Scala, Scikit-Learn, Spark, Tableau, PyTorch