


Myriam Thabet

MSc Business Analytics - Computational Intelligence

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Profile

MSc Computational Intelligence student focused on applied machine learning and deep learning, with hands-on experience building clustering, forecasting, and experimental ML pipelines on large-scale behavioral data. Currently working on user segmentation and ML-driven decision support in a mobility platform. Strong interest in recommendation systems, representation learning, and exploratory ML in product environments.

Skills

Programming: Python (Polars, Pandas), SQL

Machine Learning: Supervised & Unsupervised Learning, Clustering, Feature Engineering, Model Evaluation

Deep Learning: PyTorch (CNNs, sequence models), training & evaluation

Data & ML Tools: ClickHouse, SQL, Airflow, dbt (production pipelines), XGBoost

Visualization: Matplotlib, Plotly, Altair, Dashboards

Languages: French (C2), Arabic (C2), English (C2), Dutch (B1), Korean (A2), Spanish (A2)

Experience

Data Scientist Working Student – Check Technologies B.V.

Aug 2025 – Present

- Collaborating with an external ML vendor on a computer-vision-based car damage detection prototype, contributing to data preparation, evaluation criteria, and feasibility assessment
- Developing user clustering models based on large-scale behavioral data to identify usage patterns and inform segmentation strategies
- Designing and implementing end-to-end data pipelines to support performance monitoring and decision-making for support operations, from raw event data to production dashboards

Business Intelligence Intern – Check Technologies B.V.

Sep 2024 – Mar 2025

- Conducting exploratory analysis on spatial and temporal mobility data to uncover usage patterns, demand dynamics, and behavioral trends
- Engineering features and training an XGBoost model to forecast trip demand, with a focus on validation, interpretability, and robustness
- Building interactive dashboards translating model outputs into actionable insights for operational monitoring and iterative decision-making

Student Consultant – Forward Incubator

Feb 2024 – Jun 2024

- Working with an early-stage entrepreneur to structure an ambiguous problem into concrete operational and strategic decisions
- Translating qualitative insights into actionable plans across pricing, branding, and operations

Education

Vrije Universiteit, Amsterdam, Netherlands

Sep 2025 – Present

MSc Business Analytics – Computational Intelligence

Relevant Courses: **Deep Learning**, Advanced Machine Learning, Statistical Models, Stochastic Modeling, Project Business Optimization, NLP

Vrije Universiteit, Amsterdam, Netherlands

Sep 2021 – Jun 2024

BSc Business Analytics – Cum Laude (GPA: 8.4/10)

Relevant Courses: Machine Learning, Statistical Data Analytics, Advanced Programming, Databases

Korea University, Seoul, South Korea

Sep 2023 – Jan 2024

Exchange Semester – GPA: 9.5/10

Courses: AI for Business, Statistical Data Science, Financial Analytics, Organizational Behavior, Korean for Beginners

Scholarships & Certifications

VU Globe Scholarship

2023

Invitation-only-scholarship awarded by the Vrije Universiteit to the top 5% of the exchange students

Korea University

Mar 2025 – Jun 2025

Completed Level 2 Korean language certification from Korea University Korean Language Center