Daria Tsarova-Lenska

Applied AI Engineer | ex-Engineering Manager

📍 Open to relocate • ✉ d.tsarova.lenska@proton.me • 🌐 Portfolio • GitHub • k Kaggle • in LinkedIn

Profile

Applied AI Engineer working on multimodal and LLM-based systems, with experience leading engineering teams delivering $100M+ ARR products.

Focus

`Applied ML` `Multimodal` `GenAI + Agents` `Embeddings` `Product Analytics` `Delivery Leadership`

Stack

AI / ML
Python, pandas, NumPy, scikit-learn, LightGBM, CatBoost, feature engineering, model evaluation

GenAI
Embeddings (CLIP-style), Gemini, agent systems, prompt orchestration, tool-based workflows

Engineering
Git, SQL, APIs, data pipelines, Streamlit, Docker basics

Education

Constructor Nexademy — **2025**
Data Science & Applied AI Intensive Program
Certificate

Odesa I. I. Mechnikov National University —
BSc in Physics

Certifications

Google & Kaggle — **Dec 2025**
5-Day AI Agents Intensive Certificate

Scrum.org — **Mar 2021**
Professional Scrum Master I (PSM I)
Credential

WES — **Nov 2023**
Academic Credential Verification Credential

Experience

Applied Data Scientist (consultant) — **Best Price**   Nov — Dec 2025
Remote

- Built a multimodal revenue prediction pipeline combining tabular product data with image embeddings (CLIP, EVA, DINO).
- Designed and executed preprocessing (log transforms, categorical encoding, temporal features) and trained ML models against a strong tabular baseline.
- Evaluated whether visual signals add predictive power and delivered results via an interactive demo for stakeholders.

Engineering Manager — **ImmoScout24**   Nov 2021 — Jun 2025
Berlin

- Owned three engineering teams in a core business domain delivering $97M (2022) and $105M (2023) of $400M+ annual company revenue.
- Led end-to-end execution across technology, people, and delivery for Kotlin, TypeScript, and React codebases powering revenue-critical products.
- In a later domain, took ownership of a fragmented platform portfolio: decommissioned low-value systems and partnered with Data to consolidate analytics-driven applications and pipelines.

Engineering Team Lead — **Lendico (ING Group)**   Dec 2019 — Oct 2021
Berlin

- Built and owned the testing and release strategy for regulated fintech products, successfully passing compliance audits.
- Led integration testing for the ING acquisition of Lendico and for a cross-platform lending product between ING and Amazon.
- Owned end-to-end validation of a live loan-origination flow spanning Amazon Marketplace, ING, and Lendico systems.

See earlier roles on LinkedIn

Projects

Multimodal revenue forecasting (BestSecret)   NDA project
Built a multimodal ML pipeline combining product metadata with image embeddings (CLIP, EVA, DINO) to predict future revenue.

`Python` `Embeddings` `CLIP` `Pipelines` `LightGBM` `CatBoost`

Agent planner for complex journeys (Kaggle)   Kaggle write-up
Co-developed a multi-agent planning system to construct complex cross-border travel itineraries using Gemini-powered agents for reasoning, retrieval, and tool orchestration.

`Python` `Gemini` `Agents` `Orchestration`

Streaming awards analytics (Netflix & Disney)   GitHub
Analyzed how award-winning content (Oscars, Golden Globes) is distributed across Netflix and Disney catalogs by merging multiple public datasets.

`Python` `Data wrangling` `Pandas` `Visualization`

Contact me
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