

# Daria Tsarova-Lenska

Applied AI Engineer | ex-Engineering Manager

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

## Profile

Applied AI Engineer working on multimodal and LLM-based systems. Led 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 Nekademy — 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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