

Dr. Artiom Kovnatsky

Address: Dahlmannstraße 17, 10629 Berlin
Phone: +49 176 30162834, +972 547609790
Email: artiom.kovnatsky@gmail.com
Date of Birth: 20.03.1984
Place of Birth: USSR
Citizenship: German, Israeli
LinkedIn: [in/artiomkovnatsky](https://www.linkedin.com/in/artiomkovnatsky) | www.artiomkovnatsky.com



PROFESSIONAL SUMMARY

Experienced Data Scientist and Business Analyst with extensive expertise in delivering comprehensive data services, including data science, business analysis, MLOps, and consultancy. Renowned for extracting meaningful business value from “poor” or “rare” data, even under challenging circumstances. Proven ability to manage and deliver high-risk projects on time and with high quality. Demonstrated leadership in building and guiding teams to achieve strategic goals. Proficient in various tools and methodologies, focusing on innovation and efficiency.

Key Skills:

- Languages & Tools: Python, R, Postgres, SQL, Scikit-Learn, PyTorch, TensorFlow, CatBoost, XGBoost, HuggingFace.
- MLOps & AI Research: Langchain, OpenAI, LlamaIndex, AirFlow, MLFlow; AWS/GCP.
- Agile Methodologies: Kanban, Flat Hierarchy Leadership.

WORK EXPERIENCE

Self-employment | Berlin, Germany

Data Science & Engineering Consultant | September 2019 – Present

As a self-employed Data Specialist, I deliver data-driven insights and solutions by extracting value from complex datasets. I manage end-to-end projects, from consulting to deployment, with a strong emphasis on data analysis, modelling, and scalability. My experience includes providing actionable insights that drive business success, even with limited resources, leading teams, and designing efficient data infrastructures.

- Delivered hands-on expertise and consultancy services across diverse industries, specializing in machine learning, business analysis, MLOps, and handling “imperfect” and “rare” data.
- Led and executed high-impact projects, consistently meeting tight deadlines while surpassing client expectations.

- Secured grants by proposing innovative AI research projects that utilized unconventional data sources.

Lot Internet GmbH | Berlin, Germany

Senior Data Scientist & Consultant | October 2023 – July 2024

- Developed cutting-edge data science products for clients, focusing on vehicle data analytics, including projects for Skoda GmbH.

Valyria Technology GmbH | Berlin & Brandenburg, Germany

Lead Data Scientist | September 2021 – November 2022

- Established and led the data science department, managing a decentralized team with a flat hierarchy.
- Defined vision, strategy, and tech stack, driving the successful delivery of data science projects on schedule.

SKF Group | Remote Germany & Israel

Data Scientist | March 2021 – September 2021

- Collaborated in a specialized team to develop survival models for predictive maintenance, optimizing machine maintenance schedules.

Kenjo GmbH (ex: Org OS GmbH) | Berlin, Germany

Data Scientist & Consultant | May 2018 – June 2020

- Consulted the CEO on developing a predictive analytics engine for HR data.
- Authored a successful grant proposal, securing €1.2M in funding for the project.
- Provided critical last-minute project support, delivering solutions under tight deadlines.

Lot Internet GmbH | Berlin, Germany

Data Science & Engineering Consultant | April 2020 – April 2020

- Consulted on data science and business strategy for a new product launch.

Estonian Government - Estonian Land Board | Tallinn, Estonia

Data Scientist & Consultant | January 2019 – December 2019

- Consulted the Estonian Land Board on building an automatic land valuation engine to replace the manual process for taxation.
- Developed a prototype evaluation engine for cadastral land units, forming the foundation for Estonia's 2020-2021 land tax reform.

HOMEDAY GmbH | Berlin, Germany

Data Scientist & Business Analyst | February 2017 – April 2020

- Presented work at conferences, consistently recognized as one of the top speakers.
- Proposed and presented innovative business models, influencing company strategy.
- Improved business processes with data-driven insights (e.g., client ranking system).
- Developed the [PREISATLAS](#) real estate price map, resulting in a 1500% increase in traffic and a 750% increase in qualified leads.
- Developed the HOMEDAY-estimation package, a key tool for daily automatic property evaluation.

Technicolor | Rennes, Brittany, France

Researcher | June 2014 – August 2014

- Research & development in Image Processing: Technicolor submitted a patent.

USI-Università della Svizzera italiana | Lugano, Switzerland

Scientific Researcher & Teacher Assistant | December 2011 – November 2016

- Conducted research under [Prof. Michael M. Bronstein](#), with work published in leading [journals and conferences](#).
- Delivered presentations at prestigious international venues across the USA, China, Italy, Switzerland, France, Belgium, Germany, Luxembourg, and Spain, sharing insights and research on a global stage.
- “Computer Vision & Pattern Recognition” (Master): Spring 2015.
- “Geometric Shape Analysis” (Master): Fall 2013.
- “Geometric Image Processing and Computer Vision” (Master): Spring 2013, Spring 2014.
- “Calculus” (Bachelor): Fall 2011, Fall 2012.

EDUCATION

USI-Università della Svizzera italiana | Lugano, Switzerland

PhD in Computational Science

December 2011 – November 2016

Thesis: [Spectral Methods for Multimodal Data Analysis](#)

Google scholar: <https://tinyurl.com/3rz8mjyr>

Technion - Israel Institute of Technology | Haifa, Israel

M.Sc. & B.Sc. in Applied Mathematics

September 2003 – September 2013

LANGUAGES

- Russian: C2 • English: C1 • Ukrainian: B2/C1 • Hebrew: B2/C1 • German: B2

SOFT SKILLS

- Award-winning skills in Teaching & Presenting

INTERESTS & HOBBIES

- Reading • Writing • Organizing Events • Dancing • Boxing • Mentoring