

Dr. Artiom Kovnatsky

artiom.kovnatsky@gmail.com | [in/artiomkovnatsky](https://in.artiomkovnatsky) | www.artiomkovnatsky.com

Tel: +49 176 30162834, +972 547609790

Citizenship: German, Israeli

PROFESSIONAL SUMMARY

Experienced Data Scientist and Business Analyst with extensive expertise in delivering comprehensive data services, including data science, business analysis, MLOps, and consultancy; specialise in working with “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 & Frameworks: Langchain, OpenAI, LlamaIndex, AirFlow, MLFlow; AWS/GCP.
- Methodologies: Kanban, Agile Development, Flat Hierarchy Leadership.

PROFESSIONAL EXPERIENCE

Self-employed | Berlin, Germany

Data Science & Engineering Consultant | September 2019 – Present

- Provided hands-on and consultancy services across various industries, specializing in machine learning, business analysis, MLOps, and working with “imperfect, “rare” data.
- Successfully managed and delivered high-stakes projects, consistently meeting tight deadlines and exceeding client expectations.

Lot Internet GmbH | Berlin, Germany

Data Science Product Developer | 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

Head of Data Science | 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 | Berlin, Germany & Haifa, 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 Science Consultant | May 2018 – July 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 Science & Engineering Consultant | October 2019 – December 2019

- 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

- Successfully led and delivered all data-driven solutions, consistently meeting tight deadlines and managing high-risk projects, such as developing [Homeday's Preisatlas](#).
- Enhanced business processes through data-driven insights and proposed innovative solutions, leading to strategic marketing implementations.
- Presented work at conferences, consistently recognized as one of the top speakers.

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 | December 2011 – November 2016

- Conducted advanced research under Prof. Michael M. Bronstein, with work published in top-tier journals and conferences.
- Delivered presentations across various international venues.
- Taught Computer Vision and Mathematics courses.

EDUCATION

USI-Università della Svizzera italiana | Lugano, Switzerland

PhD in Computational Science, Google scholar: <https://tinyurl.com/3rz8mjyr>

Thesis: [Spectral Methods for Multimodal Data Analysis](#) | December 2011 – November 2016

Technion - Israel Institute of Technology | Haifa, Israel

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

September 2003 – September 2013

LANGUAGES

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

SOFT SKILLS

- Award-winning skills in Teaching & Presenting

INTERESTS & HOBBIES

Reading, Writing, Organizing Events, Dancing, Boxing, Mentoring