

PhD



ARTIOM KOVNATSKY

Specialist in '**problematic**' data and
non-standard solutions | Mentoring coach

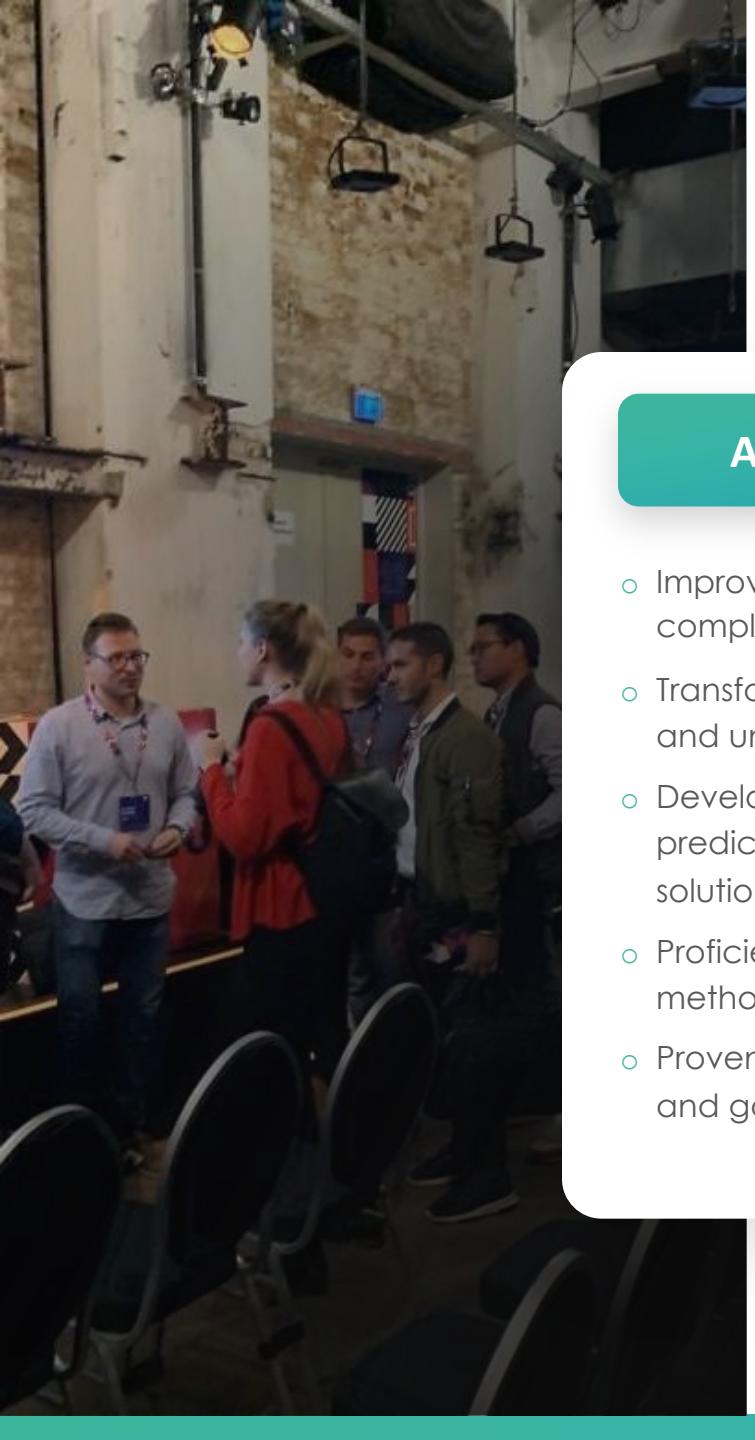
Finding and **eliminating bottlenecks in business** and life; I work with **unique, rare situations** - I share with you the **risks** involved in solving the problem, if I agree to take on the task.

About me

- 1 Experienced Data Scientist and consultant with over 8 years of experience in data science, including leadership roles.
- 2 Proven experience in developing and implementing machine learning-based solutions, AI research and consulting.
- 3 My diverse experience includes working in data-challenged startups, corporations, and research institutes. I have successfully implemented innovative solutions and built and managed teams.
- 4 Diverse experience adapting to a wide range of social contexts and solving mission-critical problems in resource-constrained environments.
- 5 Experience with Python, R, SQL and various machine learning frameworks.

Key skills

- 1 Out-of-the-box thinking, creativity, adaptability, improvisation, and result-oriented with minimal resources.
- 2 Data Science: Python, R, Postgres, SQL, Kafka, Hadoop, FastAPI, Scikit-Learn, PyTorch, TensorFlow, CatBoost, XGBoost, HuggingFace, Langchain, OpenAI, LlamaIndex, AirFlow, MLFlow, MLOps.
- 3 Data visualization: Tableau and PowerBI. Flexible methodologies include Kanban and a flat hierarchy.
- 4 Languages: Russian (C2), English (C1), Ukrainian (B2/C1), Hebrew (B2/C1), German (B2).
- 5 Soft Skills: Award-winning teacher and speaker, conflict management, mediation, and leadership.



Services

Analytics and data science

- Improvising and inventing tools to solve complex problems.
- Transforming complex datasets into clear and understandable insights.
- Developing machine learning models, predictive analytics and customised data solutions.
- Proficient in a variety of analytical tools and methodologies.
- Proven experience in academia, industry and government.

Consulting

- Offer strategic counsel and assistance for making decisions based on data.
- I specialise in finding practical solutions in resource-constrained environments.
- I assist in establishing and expanding analytics teams.
- I have experience working independently, in teams, and in leadership roles.
- I have experience developing innovative solutions, presenting them to a grant panel, and securing a startup grant.

Case 1

A startup in crisis

Client:  HOMEDAY

Challenge:

A startup lost a major customer and faced an urgent need to develop a new business model. I was the only data scientist and the startup had limited cash reserves and time.

The results had to be presented to investors by the end of the year.

Solution:

The company bought additional data from the provider, but it was insufficient. I proposed and implemented a solution by preparing everything necessary in advance. By analysing the data, I chose the most promising method and completed the project on time.

Outcome:

The product was commercially successful, investors were satisfied, and it proved the company's ability to deliver complex projects on time. The product – [HOMEDAY-PREISATLAS](#) – was so successful that the monopoly company also copied it by producing an analogue.

I proposed a new business idea, which after presentations and analyses was accepted as part of the new business model.

<https://www.homeday.de/de/preisatlas>





Case 2

Startup applying for a grant

Client:  KENJO

Challenge:

At the conference, I met OrgOS co-founder (Kenjo) and CEO Davide, who was looking for a data scientist to submit a Pro FIT grant (about €1.3m). Previously hired specialists had not met expectations.

Solution:

I had no experience in HR, but I agreed to develop a solution and write a description for the grant in exchange for a percentage. Davide hired a consulting company to write the application in German, and I actively participated in meetings to propose solutions.

Outcome:

- Advised the CEO on developing a predictive analytics system for HR data.
- Authored the technical part of a grant that secured €1.2 million in project funding.
- Provided last-minute support to the project, delivering solutions within tight deadlines, including presenting them in German to the committee.

Case 3

Building a team of data engineers in a startup



Client:



Challenge:

The need to build and manage a decentralised team of data engineers with a flat hierarchy.

Solution and outcome:

Created and led the data science department, building a decentralised team from scratch.

Defined the vision, strategy and technology stack, ensuring timely delivery of data-driven business solutions to the property industry.



Philipp Reichle

Homeday

Berlin



Thomas Christian Thiele

Fractional CTO | Tech Advisor

Berlin

Artiom, as Chief Data Scientist at Homeday, has built machine learning models from the ground up, doing work that others require large teams to do. He always delivers on his promises and goes the extra mile. I highly recommend Artiom as a reliable and innovative colleague.

Artiom built a data team from the ground up, leading a complex property valuation project that was completed on time and on budget. His domain knowledge, willingness to learn, and cultural adaptability ensured the team's success. I highly recommend Artiom for any complex data science projects.



David Padilla

Co-founder & CEO at Kenjo
Berlin



Andres Juss

Head of the Evaluation Department
Estonian Land Board, Estonian
Government

Tallinn

I worked with Artiom on a data science consulting project for 2 years where he turned an abstract idea into a valuable solution. He effectively communicated complex ideas to secure grant funding. Artiom is a dedicated consultant who is always willing to go the extra mile.

Artiom developed mass valuation models for land valuation in Estonia for our department. Despite tight deadlines, he completed the work on time, having travelled to Estonia twice to study the methods of local appraisers. Artiom prioritises business needs and ensures that plans are completed on time. We are interested in continuing our co-operation with Artiom as we await changes in Estonian legislation.



Leon Lowitzki

Machine Learning Engineer

Empowering Data-Driven Decisions with
Advanced Models

Passionate about Driving Growth & Sharing
Knowledge

Berlin

Artiom is an insightful thinker, focused on business success, supporting personal growth and fostering a great team environment. I highly recommend Artiom for any data science position: he is a great leader and a pleasure to work with



Tobias Frese

Co-Founder and
COO at Fuchs & Eule Energy Experts
Berlin

Artiom is an experienced data scientist who consistently delivers valuable solutions for clients and businesses. He offers unique approaches to problem solving and is a great person both personally and professionally



Steffen Wicker

Co-Founder & CEO at Homeday GmbH

Universität Mannheim
Berlin, Berlin, Germany



Alexander Novikov

Director BI at Enpal

Berlin

Artiom has been one of the key drivers of our valuation engine and property price research tool. Artiom has shown creativity during difficult times for Homeday - he thinks outside the box and is always willing to contribute to the success of the company. In addition, Artiom has been very passionate about sharing his knowledge and has represented Homeday at several conferences. We hired him for 7 months as a consultant. Artiom has proven himself to be a person who stands behind his words and delivers what is needed.

I worked alongside Artiom at Homeday and he impressed me with his focus on delivering business value, which is a rare trait for a data scientist. Artiom has deep knowledge and data skills, and his entrepreneurial mindset made his insights most useful. Artiom looks for fundamental aspects of issues and relevant business domains. His deep understanding allows him to find facts that are then applied to business processes. I look forward to working with Artiom in the future

Contacts



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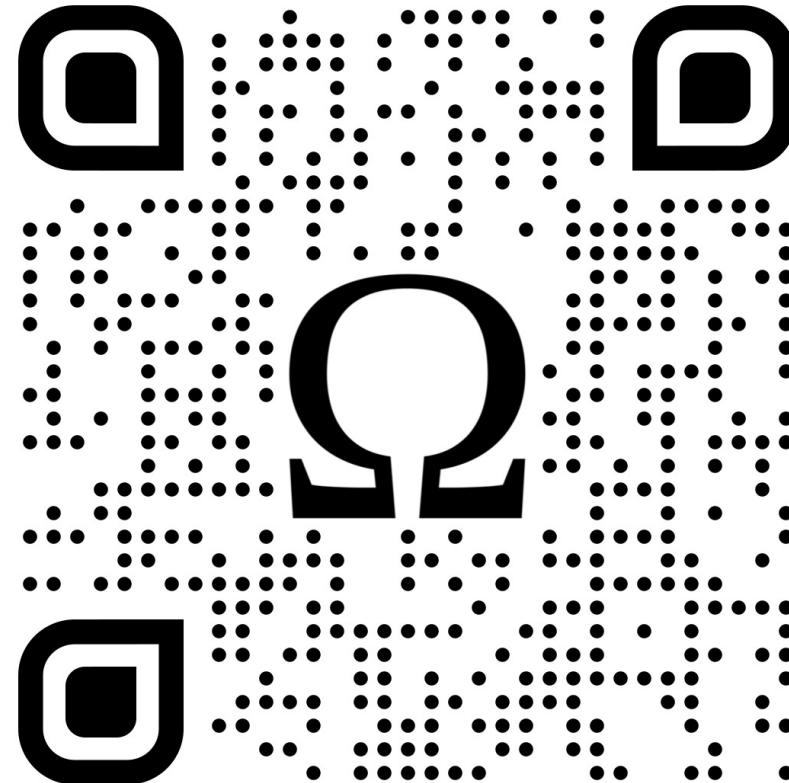
www.linkedin.com/in/artiomkovnatsky/



www.artiomkovnatsky.com



Berlin





SPIRITUAL DEVELOPMENT ARTIOM

aka **Master Splinter**
Mentoring coach, Philosopher

Metaphorical Autobiography:

<http://skovnats.github.io/ru/posts>



**My approach is similar to Socrates.
I use whatever tools I can if it helps me
solve a problem....
create new ones if necessary.**

Appendix

Our acquaintance with Artiom started in 2019, when I was in a difficult period of life. We met by chance, and a few years later Artiom invited me to participate in meetings dedicated to philosophical and life issues. These meetings helped me realise the importance of self-development and communicating with interesting people. During the pandemic we continued to communicate on Zoom, and Artiom always supported me despite the distance.

Later, when I met Artiom again in Berlin, he helped me through another life crisis by providing support and important life insights. Artiom drew me in with his sincerity and sometimes acted as an outsider 'secret older brother'. His apt words and phrases spoken as if by chance made me think about the situation from a different perspective. This surprised me about Artiom.

Interaction with Artiom is useful for those who are ready for change and sincere interaction with a mentor. He helped me meet other interesting people and see many things from the outside. I recommend from the bottom of my heart to interact and touch the life philosophy of this profound person.

Yana Moscow

