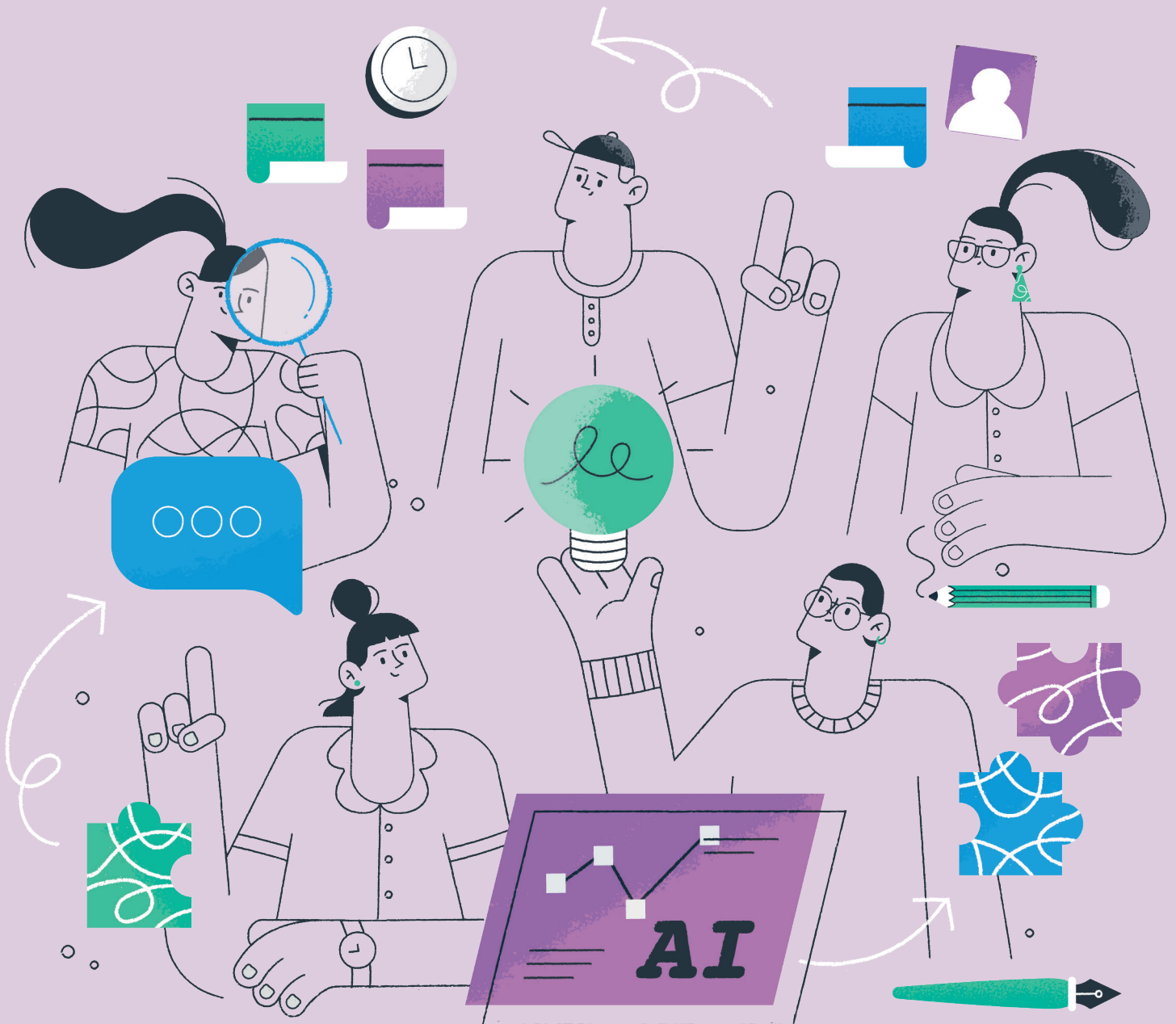




AI Design Sprint

Identify and unleash the power of AI
for your business in two days



Contents

	Unlock the value in your organization with Artificial Intelligence	PAGE 02
	Sprint towards AI technology adoption	PAGE 03
	AI Design Sprint agenda	PAGE 07
	AI Design Sprint outcomes	PAGE 09
	Benefits of the AI Design Sprint	PAGE 10
	How to prepare for an AI Design Sprint?	PAGE 11
	Meet our AI Experts	PAGE 12
	What nexocode can offer as a boutique AI development company?	PAGE 13

Unlock the value in your organization with Artificial Intelligence

AI is a much-used buzzword nowadays, surrounded by misconceptions and questions regarding its purpose and power. Apart from its known ethical and philosophical challenges, AI can be the catalyst for innovation and great user experiences. Every industry can evolve with AI. Price prediction models for agriculture, detecting fraud in online payments, personalizing shopping on the internet, or driverless cars in automotive. The possibilities of implementing AI into businesses are endless. Some projects are narrow and small; some incorporate implementing a more general and robust AI approach.

Just **in 2021**, Artificial Intelligence augmentation will create **\$2.9 trillion of business value** and 6.2 billion hours of worker productivity globally, according to Gartner, Inc.

What role can AI play for you? What benefits can it deliver?

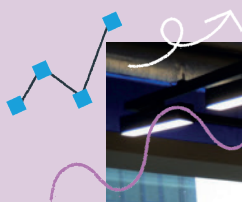


- Increase customer retention
- Accelerate decision-making processes
- Improve efficiency and enhanced productivity
- Detect fraud and liabilities to act proactively
- Save time with automated processes
- Increase accuracy for financial and maintenance forecasts
- Work 24/7
- Build a competitive advantage.

These are just some examples of working your way towards positive changes. Next step? **Define your key problem or spot places where augmenting with AI can make your company more resilient and profitable.**

Sprint towards AI technology adoption

Instead of leaping faith into a big AI development project, you can start with something smaller, yet with a tangible result. Nexocode's **AI Design Sprint** is a hands-on experience where, together, we identify the most potential AI use cases for your business and explore the business opportunities available to you. We created a set of tools for each step of the design thinking process to help our clients turn AI into social, user, and business value. In just two days, your team, supported by our AI Engineers and Design Facilitators, can learn and understand the power of emerging technologies, spot AI opportunities, and create new ideas and visions.





What to expect?

Intense two days co-creation workshops facilitated by our Design Thinking Leaders. Your team will work through our dedicated canvases, AI ideation cards, and other tools designed especially for AI Software Projects. Each session is tailored for company-specific needs and use cases. You can expect our ML engineers and data scientists to join ideation and prototype sessions to guide you through more complex and abstract problems. We will help you assess your specific ideas' feasibility, propose the right technologies, and make a plan for development and deployment.



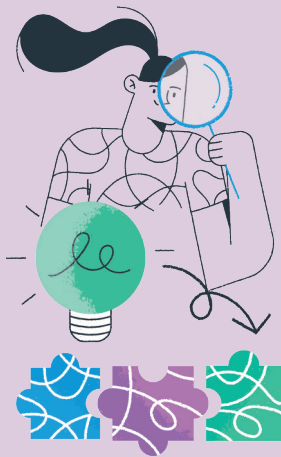
On-site and 100% remotely

Our AI Design Sprint can be experienced on-site at our offices or yours. We are also experienced in fully remote facilitation. A week before the scheduled session, we also provide 1-hour digital workspace practice workshops in the Miro tool for virtual sprints.



When to run AI Design Sprint?

We designed these workshops based on our years of experience, numerous design thinking sessions, and kick-off meetings with our clients. We have learned that wanting to implement AI into the business is just not enough in today's world. We prepare our workshops individually for each client, no need to worry it won't suit your industry or business case. We apply a pragmatic and measurable lens to achieving goals with a flexible set of dynamic, group-oriented activities that bring feasible results and are the first step on the path towards AI adoption.

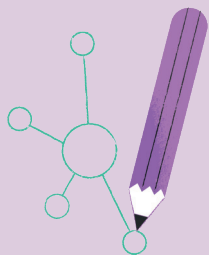


- You want to optimize processes
- You want to better target and serve your customers
- You want to automate mundane, manual tasks
- You want to predict and be better prepared for the future
- You want to get insights that will unveil new possibilities
- You want to scale your business and grow
- You want to develop completely new offerings or products.

Who should join the workshop sessions?

Team composition is crucial. We need decision-makers, people with operational level insights, technical managers, product managers on board. We are looking for a diverse set of people with different insights and opinions. It is also important to involve people who either perform or are very close to the tasks you want to automate or augment. No technical knowledge is necessary to take part in the design sprint.

Sprint Agenda



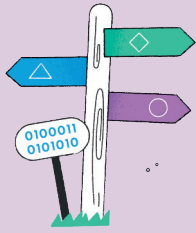
DAY 1

Problem Identification & Ideation

7 hours long, including breaks

We start day one by selecting the goal, mapping out the challenge; we ask your domain specialists to share their knowledge. We analyze business requirements and expected outcomes. We identify which problem can be solved with an AI solution uniquely. At this stage, it is crucial to understand what information we have at our disposal and whether we can use them. With our ML Experts' helping hand, we go through an intense ideation session to map possible AI solution.

1. Setting the goal
2. Mapping out the challenge
3. Getting insights from your domain experts
4. Business requirements and expected outcomes analysis
5. Defining crucial data
6. Intense ideation session with nexocode's ML Experts



DAY 2

Feasibility, Data Discovery & Planning

7 hours long, including breaks

Once we have selected the ideas we want to pursue, we enter the feedback and feasibility study phase. This step requires AI knowledge and expertise, hence our ML Experts on board. During this part, we aim to prototype the selected solution. We map our ideas, recognize and audit the data-house needs and haves, and prepare a roadmap for further investigation and development. At the end of the day, your team gets a set of first model prototypes.

1. Selecting ideas to pursue
2. Identifying and auditing the data needs and haves
3. Reviewing Ethics, Bias, and Privacy
4. Model designing
5. Preparing a roadmap for further development



1 WEEK POST SPRINT

Workshops Recap & Next Steps

1 hour long

Within a week post sprint, we schedule a one-hour meeting to summarize all workshop outcomes and focus on the next steps. We present our proposal on developing the solution, what technical challenges lie ahead, and how we suggest to follow up with the developed plan to get you your first predictive model as soon as possible and reach successful delivery.

Outcomes

AI Design Sprints help you discover and identify Artificial Intelligence's potential for your business, see the value of data, check what information you already have and what you need to start collecting. During the workshops, you accessed your ideas' feasibility, selected an AI solution to pursue, and planned out the possible roadmap for feature development. You will also get your own AI Design Sprint report, where you can find your case study with mapped opportunities, concept details, data strategy, and development plans. Our outcomes report builds on the sprint outcomes and includes the tech review, data advice, and proposed solutions on approaching the project.



Benefits of the AI Design Sprint

AI Opportunity Spotting



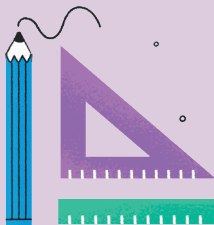
Do you want to increase your competitiveness? Make savings? Speed up the production process? Sprint lets you define your key problem and find where augmenting with AI can make your company more resilient and profitable. Spot opportunities and learn how you could implement artificial intelligence within your business. Our experienced AI experts will help you and your team identify business areas where machine learning and various analytical solutions could deliver excellent results.

Fast-paced and Agile



By starting your project with AI Design Sprint, you will ensure that product implementation delivers your business's desired results. The workshop's agenda is based on the design thinking mindset that ensures your users or customers and their needs are always at the heart of the team's focus. Sprint is an affordable way to outline a real user need, prototype the solution, get feedback, and trial implementation before committing to a larger scale rollout.

Feasibility Assessment and Roadmap



At the end of the sprint, we will agree on a roadmap for your project, which you can present with confidence at your next results meeting. The roadmap includes the preliminary technical implementation, budget, extension steps, and the project's success from multiple stakeholders. Next step after the sprint? Experimentation phase where we rapidly build an AI model that solves your problem and test machine learning algorithms on your datasets.

How to prepare for an AI Design Sprint?

We tailor the workshops to match your business needs. Before we begin the workshops, we schedule a 1-hour session to gather the answers to your current problems and bottlenecks, new business goals, the context for the model, the data you collect, and your expectations towards the model. You may expect general questions about your processes, products, or services and your strategy. We will also dig deeper to get a tech understanding of your business, like technologies used, services you rely on, and the data you store.



Christian Merkwirth
AI Lead at FLYR

Nexocode's AI Design Sprint is a great framework enabling companies to move from AI aspirations to business outcomes. With these tailored workshops, you can bring together your stakeholders, learn about AI, spot new opportunities, and take your solutions to the next step of implementation. I highly recommend it to any company that wants to build resilience and leverage new technologies.



Meet your AI Experts



Dorota Owczarek

AI Product Lead & Design Thinking Facilitator

At nexocode, Dorota is always quick to recognize the best ways to serve users and stakeholders by shaping strategies and ensuring their execution by working closely with engineering and design teams. She also oversees AI projects lifecycle to ultimately allow our clients to scale AI across the organization.



Oleksandr Zakharchuk

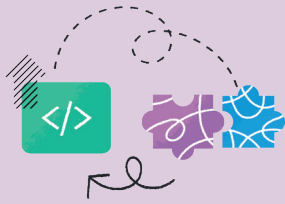
Machine Learning Expert & Advisor

Oleksandr has been working closely with nexocode for over 2 years. He advises clients on making better use of machine learning algorithms and oversees projects such as Advocu. Creator of Machine Learning Crash Course and Warsaw Machine Learning Bootcamp. Member of Google Developers Experts and Google for Startups.

What nexocode can offer as a boutique AI development company?

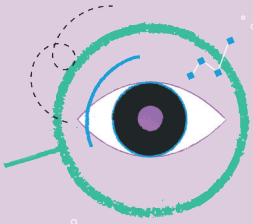
Bring AI Design Sprints outcomes to life. Nexocode team serves clients at every level of AI maturity.

Proof of Concept Development



Move from the AI Design Sprint towards your first deployment. Nexocode will develop a competitive AI-based solution that solves your company's problem, covers your business needs, and collects and analyzes feedback from testers. Proof of Concept guarantees a much smaller risk of failure, as it only takes a couple of weeks to develop. Still, you can quickly observe what AI brings and decide whether the achieved results look promising enough to follow up with further investment so that you can define your next key goal.

Data Quality Audit



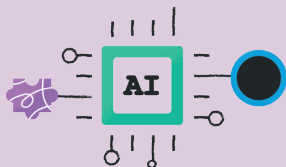
Data represents a new frontier for competitive differentiation. Nexocode offers professional data analysis for your model proposal. We will suggest a data collection strategy that will make your model more accurate and provide value to your company. With your data house in order and a clear process for data management, you will be able to shape your data into a true business asset.

Building data systems



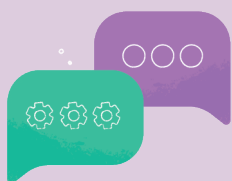
Unlock the value of data with a clear data strategy, process, and technology that supports it. Nexocode will support you in applying professional MLOps. Practices we apply will help guarantee that you can reliably build and operate your artificial intelligence solution at scale.

Custom AI Software Development



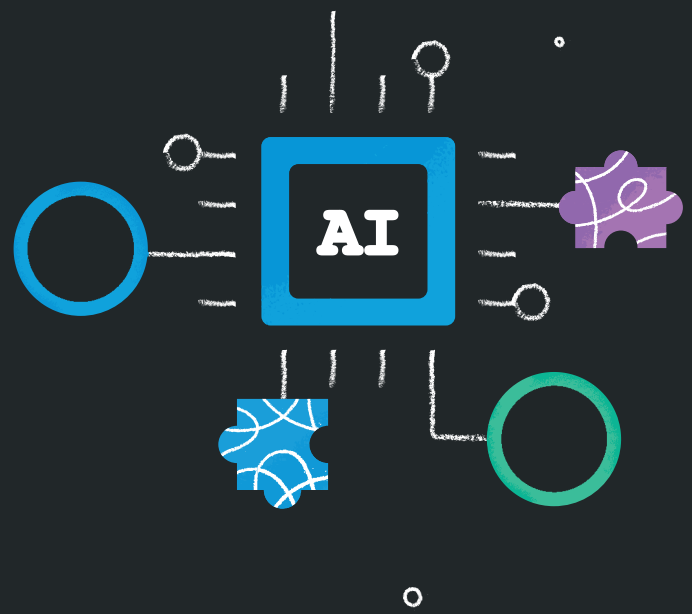
If your goal is to implement your own dedicated AI solution linked to your other services and products, nexocode is the company to choose from. You can rely on nexocode's AI team, composed of data scientists, ML experts, MLOps professionals, and software engineers. Our project managers, experienced with AI, will lead the implementation efforts in an agile way.

AI Consulting



With vast expertise in implementing AI solutions, the team at nexocode reviews your problem and provides consultations on approaching further steps to complete your business goal and making an impact. We will help you grow beyond the proof of concept stage and implement AI at scale.





Book your first AI Design Sprint

Are you interested? Try our unique human-first approach to artificial intelligence and find out how technology can deliver results for your business.



Mateusz Łach
New Business Lead

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