



D-Labs

An abstract graphic on a blue background consisting of a network of white and light blue nodes connected by thin white lines. The nodes are arranged in a way that forms a large, flowing, ribbon-like shape that curves from the top left towards the bottom right. The nodes vary in size and are connected in a complex, interconnected pattern.

# HOW TO IMPLEMENT **ARTIFICIAL INTELLIGENCE** IN YOUR COMPANY

A Comprehensive Guide for Deploying AI at Work





*Artificial Intelligence is like an artificial plant. It gives many of the same benefits but it's not the real thing.*

— James Tagg

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67% of executives believe AI will help people and machines work together to improve operations – by combining artificial and human intelligence.

Source: [PWC](#)

## INTRODUCTION

Artificial Intelligence is playing an ever more important role in business.

PwC's analysis suggests **global GDP will increase by up to 14% by 2030 thanks to the 'accelerating development and adoption of AI'** – that means a \$15.7 trillion boost to the economy. But what are the driving forces of such growth? On the one hand, an increase in business productivity. On the other, an increase in consumer demand, driven by better quality and increasingly personalized AI-enhanced products.

It's hard to deny, **AI is the future of business** – and sooner or later, the majority of companies will have to implement it to stay competitive. Therefore, every year, we see a fresh batch of executives implement AI-based solutions across both products and processes.

But do you know how they do it? And if you were to try the same, would you know how to achieve the best results? By the end of this ebook, you will – you'll see precisely how you can use AI to benefit your entire operation.

Enjoy your reading!



**Przemek 'Shemmy' Majewski**  
CEO DLabs.AI

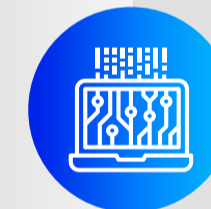
## DEFINITIONS OF KEY TERMS

Artificial Intelligence is playing an ever more important role in business. Every year, we see a fresh batch of executives implement AI-based solutions across both products and processes. But do you know how?



### Artificial intelligence

– refers to the simulation of the human brain function by machines. It relies on creating artificial neural networks mimicking logical reasoning, learning, and self-correction. AI is all about action and decision making based on available data. It is doing tasks previously done by humans but faster and with a reduced error rate.



### Machine Learning

– a field of AI. It is based on the ability of the computer to recognize, apply patterns and derive algorithms based on those patterns. Machine learning companies develop software that is able to identify relationships and associations between variables to apply them in similar circumstances.



### Deep Learning

– takes the concept of adaptive AI behavior a step further, providing software solutions when there is unstructured data available. It deals with such concepts as deep neural networks, machine translation, bioinformatics and many more.



DEFINITIONS OF KEY TERMS

**Data Science**



– an interdisciplinary field focusing on processes that derive knowledge and patterns from existing data. This term covers a wide range of technologies, such as SQL, Hadoop, statistical analysis, data visualization, dashboards or distributed architecture. In short, it is a general concept of analyzing business-oriented data, finding meaning and focusing on effective communication.

**Big Data**

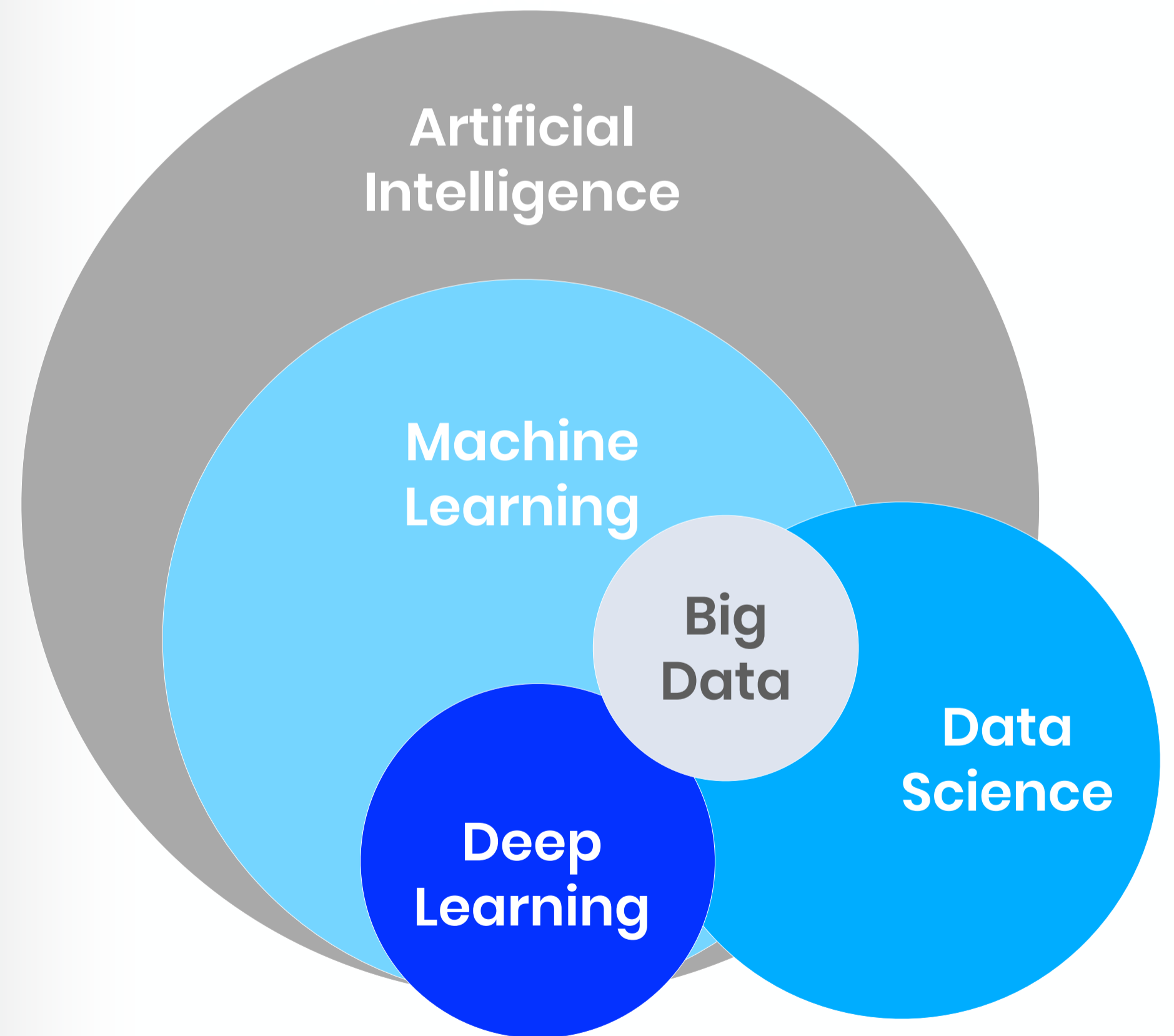


– refers to the process of collecting and analyzing large volumes of data sets to discover useful hidden patterns. The information may involve customer choices or market trends that can help business make informed and customer-oriented decisions. It can be characterized by “3 Vs”: extreme volume of data, wide variety of data types, and velocity at which big data must be processed.

“All right, but what’s the difference between data science and AI? Aren’t they one and the same?” Not necessarily.

**Think of it this way:** Artificial intelligence is a tool that helps data science get results and solutions for specific problems.

The infographic below can be useful:



# BENEFITS OF IMPLEMENTING AI

It's clear that **artificial intelligence wields a mighty power** – and there are plenty of ways it can bolster your business.



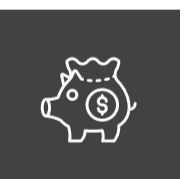
## Increase employee productivity and job satisfaction

AI can relieve employees from repetitive work. It can eliminate activities that are not only unsatisfactory, but that also fail to provide opportunities for professional development or the learning of new skills.

Take troubleshooting as one example. The vast majority of customer queries often concern the same thing, so many companies have decided to automate the process. Now, thanks to automated chatbots, customers can get answers faster – while employees can focus on other more ambitious tasks.



According to a Microsoft “AI & Skills” survey, companies recognize the most significant business benefits of using AI by **combining AI with the skills development of employees.**

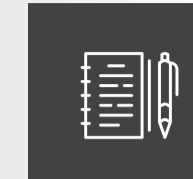


## Save time and money

AI can help by automating long, repetitive tasks. Take the solution that we created for Taxando as an example.

The company needed a way to reduce the time required to generate tax returns. Using machine learning and neural networks, we created a tool that reduced the time taken on the task from five minutes down to a few seconds.

What's more, the end-to-end tax filing process (including extracting data from the tax card OCR and sending the details to the IRS), which used to take thirty minutes, now takes just thirty seconds.



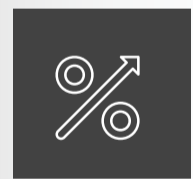
## Improve marketing performance

According to the 2018 report *The State of Artificial Intelligence in B2B Marketing*, 60% of marketers believe AI has resulted in better data strategies. In truth, it has had an unprecedented impact on marketing performance. In short, AI can:

- Generate a list of SEO-focused keywords using NLP techniques
- Create more relevant and engaging content
- Target a broader audience
- Create more effective campaigns
- Optimize performance based on data
- Uncover new advertising channels
- Analyze data on consumer behavior



According to the [McKinsey Global Institute report](#), **the use of AI technology in standard business processes increased by 25%** in 2019. And the report shows how AI could contribute an additional 1.2% to annual GDP for at least the next decade.



## Support sales and increase revenue

Of course, a wholly automated sales process would not be professional. But you can improve specific areas with AI.

First of all, you can use AI to analyze vast data-sets so that an algorithm can draw conclusions that mean more sales, and faster. Then, you can create AI-based tools that help improve sales forecasting, predict customer needs, and improve communication. Finally, you can use similar solutions to customize your product or service to meet real consumer needs.

Through process automation, reduced human error, and more effective sales and marketing activities, AI can save on expenses alongside increasing revenues.



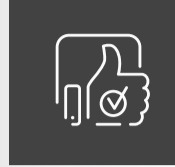


### Avoid „human error”

Let's be clear: **AI can never be entirely error-free**. However, the more data we provide our algorithms – and the better technologies we use – the better our AI-based tools can perform. That means faster execution of tasks with more accurate results than if we asked humans to do the same activities.

And in many cases, the accuracy is close to 100%. The Lymph Node Assistant by Google is the perfect example: it achieved 99% accuracy and 69% sensitivity in detecting metastatic breast cancer.

Artificial intelligence is less susceptible to errors than people because it does not suffer from human characteristics like fatigue and distraction. It works effectively, no matter the time of day, avoiding emotions, opinions, and prejudice – only ever making objective decisions.

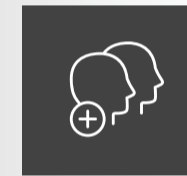


### Enhance the end-user experience

Thanks to its sophisticated tool-set and the ability to analyze customer and user behavior, AI can also improve people's experience of your services. In fact, **some 38% of consumers agree that AI will improve customer service**.

Firstly, users can request help on-demand through chatbots embedded directly on websites. Moreover, companies can analyze user behavior to predict consumer needs in real-time – alongside learning what people don't like.

Doing so allows companies to adapt their tools and services to current and future customer needs and expectations.



### Improve recruitment processes and boost HR

It's hard to disagree that AI can support so many HR processes. The most important of them include:

- Analyzing and classifying resumes
- Collecting and grouping colossal data-sets
- Screening candidates based on specific criteria and keywords
- Reviewing candidate behavior during an interview (including facial expressions, body language, and tone of voice)
- Publishing job ads



According to the [2019 Deloitte Global Human Capital Trends report](#), “74% of HR executives think that new technology is significant in their organization.”



### Attract higher caliber candidates

A forward-thinking attitude to technology not only helps you win clients. It can make you a much more attractive employer and position your company as a desirable place to work. Nowadays, with employees so devoted to professional development, opportunities to innovate are of high importance.



### Generate more meaningful business insights

Finally, AI's analytical capabilities can put you in a position of serious strength. Robust data analysis allows for better forecasting of company results, more reliable insights into emerging consumer trends, and the surfacing of smarter ways to reduce costs.

Interestingly, AI can even predict fluctuations in exchange rates and share prices – which illustrates how powerful its forecasting capabilities really are.

## AI – OPPORTUNITY OR THREAT?

### Future of AI in the workplace – studies and predictions

According to a [McKinsey Global Institute report](#), **nearly half of all the work we currently do can be automated by 2055**. But does that mean that AI will cause an increase in unemployment? Well, let's dig a little deeper.

The same report indicates that as many as **30% of current jobs could be replaced by AI by 2030**, meaning **upwards of 800 million jobs worldwide could be lost to automation**. So, back to the question: does that have to result in more unemployment? No, absolutely not.

While AI will make certain roles disappear, we can't forget this is just a natural progression in the job market. There are countless tedious and tiring tasks that machines can take on, freeing people to focus on more mission-critical items.

Moreover, machines are better at repetitive tasks that require little complicated or creative input. And they work better with large data sets: in fact, they are more capable than most at performing complex mathematical operations.

However, we must acknowledge that **the technology isn't yet autonomous**. It still requires an element of human support and verification, which is why we shouldn't see the technology as *'threatening our jobs.'*

On the contrary: it presents an opportunity to develop new, more ambitious, more creative projects, as confirmed by studies that illustrate how, with the appropriate investment and infrastructure, **AI can create millions of new jobs**.



**AI will displace 7 million jobs** between 2017 and 2037 while generating about 7.2 million new ones during the same period. As a result, it will lead to net growth of 200,000 jobs.

Source: [PwC](#)



## How can AI increase productivity in the workplace?

As we've seen, AI helps people work more productively. But how can technologies that use artificial intelligence and machine learning help in everyday work? Well, a lot depends on the industry – but there are several areas where AI is most effective:



### Customer Support

As we all know, people don't like to wait. When a customer sends you a question, the quicker you can respond, the better, no matter the time of day.



Oracle report shows how **over 50% of people expect a business to be open 24/7.**

But the truth is: most customer queries are the same, so automating the response is a natural and obvious step.

That's why businesses across sectors are implementing **intelligent chatbots** that not only answer questions. They perform tasks like sending tips and instructions, scheduling meetings, providing product information, and processing refunds.

To many, chatbots are the obvious answer to meet the customers' expectation of an immediate response. And that's why, according to [Opus Research](#), companies will invest \$4.5 billion in chatbots by 2021.

A further benefit of chatbots is that, by taking the weight off employees' shoulders, they enable them to focus on the essential task of winning over a disgruntled customer by helping with any unique problem.

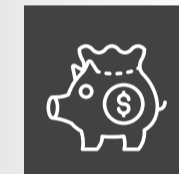


### Analytics & Decision Making

Data is everywhere in today's world. But do companies know how to leverage their information? The answer: not so much – even though big data and data analytics offer an excellent opportunity to make **smarter, faster, and better business decisions.**

ML enables you to analyze the data from every part of your business. And if implemented correctly, it can give you crucial insight into how your customers behave or how they buy, helping you make decisions based on this information.

If you tried to replicate the analysis manually, it would take much more time. Whereas by automating the process, you can both generate insights in minutes and give your team the freedom to work on more creative tasks.



### Cost Reductions & Workforce Optimization

If you're an employer, you've likely heard of Workforce Management Software. In recent years, the term has gained popularity, with [MarketsandMarkets](#) estimating the **value of the global WFM market will increase from \$6bn to \$9.3bn over the next five years.**

WFM solutions aim to enable the highest level of efficiency and competence in the workforce by forecasting the demand for staff and managing the work schedules necessary for a team to complete its tasks.

In summary, WFM covers many HR processes, including:

- Budgeting, forecasting, and planning
- Report generation
- Creation of team schedules
- Time tracking and employee productivity analysis
- Salary and benefits management
- Staff holidays management
- Recruitment operations

As you've probably guessed: the software uses machine learning algorithms to process vast datasets, then act based on the output.





## Cyber Security

As technology evolves, so does cybercrime. And if your data isn't adequately protected, there's every chance it will fall into the wrong hands, be that the competition, the government, anyone.

But organizations that once had to ask IT specialists to trawl through system log files for problems can now use ML-based tools to do the same. And these solutions not only protect businesses 24/7; they immediately identify and fix threats – all-the-while analyzing possible problems with your IT network performance.

Artificial intelligence and machine learning can protect your data, guarantee peace of mind, and free up the time of your IT team.

# SIX KEY STEPS TO IMPLEMENTING AI IN YOUR BUSINESS

## 1 Define your business needs

First of all, define the problems you want AI to solve – to do this, try to answer these five questions:

1. What outcome(s) do you want to see?
2. What are the main obstacles to achieving these outcomes?
3. How can AI help your business move towards success?
4. How will you measure success?
5. What data do you have today, and what additional data do you need?

The answers will help you to define your business needs, then step towards the best solution for your company.

## 2 Prioritize the main driver(s) of value

Now you need to identify the potential business and financial benefits of your AI project. You should consider all the possible AI implementations and try to connect each initiative with concrete returns: **do this by focusing on near-term goals and illustrate either the financial or business value as best you can.**

As you explore your objectives, don't lose sight of value drivers (like *increased value for your customers* or *improved employee productivity*), as much as better business results. And consider if machines in place of people could better handle specific time-consuming tasks.

**A word of warning:** do not implement solutions purely based on a fad. What is popular today may not be popular tomorrow.

Rather, consider if you can effectively integrate a solution into your daily workflow, analyze how it fits into your business processes, and explore whether adding an AI-based solution to your existing products or services would boost your operation over the long-term.

### 3 Evaluate your internal capabilities

There's often a chasm between what you want to develop and what you can actually achieve within a given time frame. Therefore, it's time to decide what approach works best for you – be it:

- Building a new solution from scratch using internal resources
- Buying a ready-made product off the shelf
- Collaborating with a partner to develop your AI project
- Outsourcing the entire AI development process

Whichever approach seems best, it's always worth researching existing solutions before taking the plunge with development. If you find a product that serves your needs, then the most cost-effective approach is likely a direct integration.

### 4 Consider consulting a domain specialist

If you already have a highly-skilled developer team, then *just maybe* they can build your AI project off their own back. Regardless, it could help to consult with domain specialists *before they start*.

**Developing AI is not the same as building typical software.** AI is a hyper-specific specialism that's difficult to learn. It requires lots of experience and a particular combination of skills to create algorithms that can teach machines to think, to improve, and to optimize your business workflows.

If you have any doubts, you may simply choose to outsource your AI development to an [agency specialized in big data, AI, and machine learning](#). They not only have the knowledge and experience, but they also have a process that could help avoid any mistakes, both in planning and production.

#### Planning to outsource your AI development?

This article may be useful: [Five questions to ask before outsourcing Artificial Intelligence development](#)

### 5 Prepare your data

AI algorithms only work when you have good examples for the algorithm to learn from. Therefore, have to have high-quality data that's also *clean*. But what does clean mean in practice? Well, the dataset needs to be:

- Free from incoherent information
- As accurate as possible
- With all the necessary attributes required for an algorithm to perform its task

Even the most advanced algorithms in the world cannot give you the results you want if you don't provide them with high-quality data to work from: that's why you need to organize, update, and expand your dataset – and frequently.

**And investing in the quality of your data is always worthwhile.** After all, AI-based solutions are not a one-time operation. They should become a series of scalable solutions but, to become that, you need to build their foundations on high-quality data – while the more data you have, the better your AI will work.

Once you have your data prepared, remember to keep it secure. Standard security measures like encryption, anti-malware apps, or a VPN may not be enough, so invest in robust security infrastructure.

### 6 Start small

When you're just starting out, stay selective in how you use AI: that means not throwing all the data you have to hand at your first project and praying for miracles.

**Start with a small sample dataset and** use AI to **prove the value that lies within**. Then, with a few wins behind you, roll out the solution strategically and with full stakeholder support. You can progress to seeing how well your AI performs against a new dataset and then start to put your AI to work on information you've never used before.

You can shift from low-cost, low-risk projects onto more ambitious initiatives, having confirmed whether your initial strategy was fit to scale: these early learnings could be crucial for eliminating costly future mistakes.



# WHY YOU DON'T HAVE AS MUCH DATA AS YOU THINK

Machine learning needs a vast amount of data. So the first question we ask clients is: do you have enough? You may answer 'Yes,' but you probably don't have as much as you think. How can we be so sure? And how can you get more and achieve the best results?

## Let's start with an example.

It's always easier to grasp a concept through a real-life example, so let's start there.

*Imagine you're organizing a party. It's an important event, and you want to hire a photographer to capture it. You ask them to take 'lots of photos' because you don't want to miss a moment: you tell them to 'photograph it all.'*

*The photographer follows your instructions. They get paid — while you get a hard-drive-full of pictures.*

*One day, you decide to cherry-pick a few to create an album for this event. You sit at your desk, excited you have so many to choose from until you open the first picture: disappointment strikes.*

*The quality isn't as good as you hoped. The picture is blurred and dark. You can't make out anything at all, but at first, you think, 'Maybe there's been a mistake. Has the photographer accidentally uploaded this photo...?' Unfortunately not.*

*Each subsequent picture is the same. You continue scrolling, no improvement. Annoyance builds, then you find one gem: the perfect shot. But your happiness is short-lived. Back to scrolling, back to dire imagery — and it's only getting worse.*

*You lose hours trawling through the collection. You find less than a handful of photos you can develop. There will be no album. You've wasted thousands on an unprofessional service, and what's worse, you probably shouldn't have ever received these photos in the first place.*

## That's time and money, down the drain.

Now, step back: What do you think caused this problem? And was there anything you could have done to avoid it?

The answer to the second question is, *perhaps*.

As to the first, well: the photographer got a poorly-defined task as the outset. They were just told, 'to take a lot of pictures' — nobody said the pictures 'must be of great quality.'

It's assumed, yes — but if you don't adequately define what you need, there's always a risk not getting what you want.

## Fine... but how does this relate to machine learning?

Well, building machine learning — or any software that relies on data — is not much different from the example above: how you define a task matters, particularly if you want the right quality results.

So what can you do to avoid a repeat? Focus on quality over quantity.

## Useful data is high-quality data.

As was the case with your photographer, merely generating a lot of data rarely satisfies anyone's requirements. In fact, **focusing purely on quantity often means most of the data that results is useless.**

What's important is the quality of the dataset, as it's quality that determines the performance of AI software, which is the moment we understand. If your input is low-quality, your results will never meet expectations.

In the case of machine learning, in particular, quality over quantity is key.

## Four steps to get good quality data for your AI software

### 1 Evaluate your internal capabilities

This is the single most important aspect of every AI project: think about what you want to achieve and why. Then explain it in clear, simple language to the team responsible for the build.

Make life as easy as possible: specify one primary goal – supported by how AI will help your company achieve it.

### 2 Find out what data you need

Next, be specific about what data you need to create a solution that matches your expectations.

This is key because if you repeat the mistaking of ‘asking for lots of photos,’ you’ll get the wrong type of data. Whereas if you carefully study the problem you want to solve, you’ll get the dataset that fits your purpose.

This means looking beyond quantity and focusing squarely on the data that provides the most relevant information.

### 3 Find out what data you need

Now you know your goal, and you’ve identified the data you need, it’s time to **eliminate all the ‘rubbish’ that could cloud your dataset.**

Clear any incoherent information. Make sure everything is as accurate as possible. And try to avoid general, misleading, or low-quality information. Instead, focus on details that a machine can interpret and analyze.

Do not be fooled: this is a very demanding task. It isn’t easy to do without the requisite knowledge and experience – which is why you should always continue to step 4.



**Remember:** collecting every last bit of information is not the same as collecting valuable information. A useful dataset contains the precise details you need to solve your problem.

### 4 Work with domain experts

Data scientists can help you clean up your data. Other experts can help you get the rest right.

For example, if you don’t know:

- What data you need to hit your business goal
- How to save or store your data
- How to organize and prepare your datasets for projects
- How to prove whether your data is of suitable quality

...ask for help from domain experts. It’s a real challenge to develop an AI-driven solution, and it’s worth entrusting the work to a team with experience in big data and artificial intelligence.





## If you don't have enough data, here's what to do.

### 1. Consider if there's a hidden dataset

If you don't have enough data, you may have missed a hidden resource. Consult with a team of data scientists and ask them if there could be a relevant source of information that you haven't yet thought of.

### 2. Consider simplifying your goal

When you first set out on your mission, you may have set the bar too high. Your goal may be overly ambitious, or overly complex, and so require ultra-detailed or accurate data, which you do not have.

Still, the data you have could be enough to start something smaller. Either way, if this is your first AI project, starting smaller is often better: you can expand the scope in the future, which improves your chances of long-term success.

### 3. Consider using synthetic data

There's more than one way to collect data. An often-ignored route is to generate synthetic data.

The synthetic approach is best followed when you have a base of good-quality data you can apply to an initial solution, which you can then use to build a real-world dataset. Moreover, it lets you create a solution much faster and more economically than if you were to collect real-world data from scratch.

Learn more about how the approach works in our article: ["How to Create Synthetic Data to Train Deep Learning Algorithms."](#)

You might think having access to a vast dataset is all you need to create an AI-based solution. Unfortunately, this is rarely the case.

You need to analyze a dataset to understand the possibilities that lie within. And if you don't have the right data, you need to follow one of the other three paths to get the high-quality results you want.

## AI IMPLEMENTATION PROCESS BASED ON DLABS.AI EXPERIENCE



# HOW TO ESTIMATE AN AI PROJECT?

AI project estimation depends on many factors. To help you get understand it, here is a brief description of what it looks like when you work with DLabs.AI .

- Each project is **estimated by the team which will work on it**. That ensures quality and reduces ambiguity.
- Each project consists of similar blocks, like exploratory data analysis or looking for state of the art research papers in a particular field what is an intrinsic part of every machine learning project. Base on the past projects we **estimate time of each of such blocks**.
- The development part of the project consists of a few 1 or 2 weeks iterations during which we are developing ML algorithms. Also, base on our experience, we **estimate how many of such phases will be needed**.
- **The maintenance part** depends on the length of a contract and multiple factors such as:
  - response time
  - agreed strategy on changes in the model that have to be made based on changes in input data, availability of new data sources, etc.
- The next part is **an integration with the current infrastructure**. We have two cases:
  - integration with the present infrastructure,
  - or a greenfield project, that is a new SaaS service, mobile app or website.
- In each case, our experienced Business Analyst talks with you and **defines the scope of work** which is then estimated by a dedicated team of developers. However, the general rule of thumb says that you can always build a dashboard in 3 months taking two developers.
- We **estimate the cost of infrastructure**, which is based on factors such as:
  - cloud or on-premise solution
  - do we need scaling
  - what computational resources are need
  - backup policy, etc.
  - the cost of infrastructure might vary for the time of development and production

# IN-HOUSE VS. OUTSOURCING AI SOFTWARE: PROS AND CONS

Both hiring internal staff, as well as outsourcing AI services have their pros and cons. Therefore, before you decide what is better for you, take a look at the table below.

	In-house project	Outsourcing
Pros	<ul style="list-style-type: none"> <li>• More control of employees</li> <li>• Better understanding of the company's mission and vision</li> <li>• Good information flow and smooth communication</li> </ul>	<ul style="list-style-type: none"> <li>• Saving time and money</li> <li>• Experienced team with specialized knowledge</li> <li>• Expert support</li> <li>• Possibility to focus on other important projects</li> <li>• Access to specialists with niche, hard-to-find competencies</li> <li>• Possibility to involve many people in the project at the same time</li> <li>• Team focused on key business functions</li> </ul>
Cons	<ul style="list-style-type: none"> <li>• High costs connected with recruitment and hiring and maintaining new employees</li> <li>• Longer development time of the project</li> <li>• Problems associated with absenteeism of employees</li> <li>• Difficulty in finding qualified employees with experience in creating AI projects</li> </ul>	<ul style="list-style-type: none"> <li>• Communication difficulties (e.g. cultural differences, different time zones)</li> <li>• Support only when needed (unless otherwise specified in the contract)</li> <li>• More difficult project management</li> </ul>



## HOW TO START?

Implementing AI doesn't have to be a complicated, lengthy and expensive process. You can start by implementing small solutions. Here are three examples to get you started.



### Chatbots

– one of the most popular uses of Natural Language Processing. They work based on patterns used to process and analyze written text, then returning an appropriate response. They can not only answer questions, but also share links and instructions with customers – or direct users of a given portal or shop. They increase user experience and sales revenue.



### Sales prediction software

– helps you predict the revenue you can expect to generate within a certain timeframe. It helps to make smart decisions based on historical data: choices that will impact the whole sales process. What's more, it enables you to predict potential sales problems in the near-term, as well as prepare your company for a sales rush should interest in your products or services explode.



### Optical Character Recognition (OCR)

– an electronic conversion of images from handwritten or printed texts into machine-encoded files. Image recognition systems extract information from documents, photos, printed paper data records, passports, invoices, bank statements, business cards, computerized receipts, printouts of static data and even subtitle texts superimposed on an image.

## CONCLUSION

Integrating AI into any organization is serious work.

It takes in-depth knowledge, swathes of time, and a dedication to accuracy. Moreover, to implement it successfully, don't just follow the trends: instead, focus on how AI can add value to your particular business and determine where it's needed the most.

Then, with the support and experience of a domain specialist, you can put your ideas to work and create long-term value using the demanding field that is artificial intelligence.


Tackling AI in-house is always an option: but to take your business to the next level with AI solutions that enhance your business processes, it can help to partner with an expert.

[Chat with a DLabs.AI specialist today](#) to see if working together could work for your business.





## About us

DLabs.AI is a leading Central European software development and consulting company designing and creating automated, custom-built AI software solutions for business. Our team includes data science and software development experts specialized in neural networks, machine learning, and natural language processing to support sales and marketing, customer service, manufacturing, health, finance, and more.

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## Social media

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