



Your Journey to Data Fluency: Generative AI as an Ally to Your Business

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Table of Contents

03

Introduction

04

GenAI as an Ally

05

**Understand,
Inspire, Apply –
The three steps
to successful
GenAI learning**

09

**A successful
data
transformation
journey is done
best alongside
your team**

11

**Corporate
learning
triangle –
DAIN's training
triangle**

13

Author

14

**About
DAIN Studios**

Introduction

Generative AI (or GenAI) has become an essential tool for businesses of all sizes and promises to revolutionize the job market. But what is GenAI? Generative AI is a type of artificial intelligence technology that can produce various types of content including text, imagery, audio and synthetic data. This technology not only enables organizations to automate routine tasks and processes but also frees up valuable time for employees to focus on tasks that require creativity and critical thinking. Automating tasks through GenAI is a way to improve productivity and efficiency, which translates into increased profitability for companies.

Since the boom of ChatGPT, Generative AI has advanced rapidly, and nobody wants to be left behind. In a business context, not making use of these tools could lead to lost opportunities, as competitive edge can be gained by using GenAI to its full potential.

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We believe that data fluency is one of the most crucial competencies in our society and everyone needs to understand, work and live with data.

TIZIAN KRONSBEN

Head of DAIN Academy

DAIN Studios



GenAI as an Ally

The question is, where to start? GenAI has the potential to be beneficial for every single employee. By identifying key activities in their daily work processes that can potentially be automated, workers can improve their productivity, efficiency and job performance.

Artificial intelligence should increasingly be used as an ally to people. Therefore, it is essential to know the different types of AI tools available and their specific use cases to tailor them to the needs and requirements of each person.

Moreover, understanding the benefits and challenges of implementing AI can help people make informed decisions about using these tools in their job processes and products. When talking about promoting effective collaboration between humans and machines in the workplace, it is important to develop effective strategies and practices.



It is unlikely that AI will replace people, but there's no doubt that processes will include more human-machine interactions. We will learn to work alongside and in collaboration with AI.

TIZIAN KRONSBEN

Head of DAIN Academy
DAIN Studios

Understand, Inspire, Apply – The three steps to successful GenAI learning

There's much to learn about GenAI, and it is absolutely crucial for business to know how to work with Generative AI. So, since everyone should understand and deepen their knowledge of GenAI and how to use it, it is mandatory to learn from these steps: **Understand, Inspire, and Apply**. We at DAIN have refined these three steps based on our extensive experience in developing data and AI strategies and supporting numerous businesses in their successful strategy implementation and transformation. These three simple steps will enable any company to have its employees work successfully with GenAI and generate business value from it. These training concepts are the key to a successful learning process that will bring a holistic and integrated approach to GenAI.



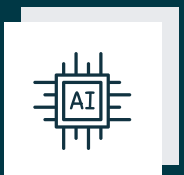
UNDERSTAND:

Key concepts and potential use cases for business



INSPIRE:

Experimentation and integration strategies for business processes



APPLY:

Implementing strategies for automation and optimization



UNDERSTAND:

Key concepts and potential use cases for business

The first step is to understand. We need to understand what generative AI is, how it works, where the data or results are coming from, and the key concepts involved in this domain. Besides that, it's mandatory to understand the limitations, compliance, data security and protection. Comprehending what information is allowed to be put into Large Language Models (LLMs) or Generative AI tools, depending on the setup, is a crucial step. Through understanding, we will be able to map the best tools for specific work processes and assess the potential use for the organization.

During the first stage, we can explore potential use cases for this technology in work processes. To accomplish this, we need to identify the domains in which generative AI can be applied and assess the effectiveness of this technology in different contexts. Evaluating potential limitations or biases that may affect the accuracy of the results is also required in this stage.

One of the biggest challenges is to understand at least some of the complexity behind Generative AI. What we see as a result should not be a black box in terms of sources if you want to use GenAI in a business context. For many GenAI tools there is no option to easily see where the given information is coming from. Therefore, it is crucial to learn how GenAI works in general and to become able to differentiate what is useful and what is not.



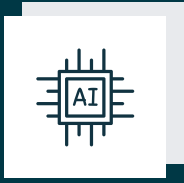
INSPIRE:

Experimentation and integration strategies for business processes

Now that GenAI has become a familiar topic that we can comprehend, it's time to get hands-on and move on to the next step: **Inspire**. This stage involves developing strategies to integrate generative AI into existing workflows and processes.

We now enter the experimentation phase, from training and tuning models for optimal performance, to exploring how to design prompts and inputs to guide generative AI models to desired outcomes. You will try to sequence and combine different generative AI models to create more complex and versatile results.

Furthermore, it is time to learn the benefits of human-machine interactions and experience the potential synergies between human creativity and machine efficiency - an area with endless possibilities. However, recognising and understanding the capabilities and limitations of generative AI is a key step in this learning process, as well as exploring potential use cases in various business contexts.



APPLY:

Implementing strategies for automation and optimization

The moment to apply what has been learned and figure out how to implement this technology in our daily work life has arrived. At this stage, it is important to invest in mentors who will work together to integrate the most common generative AI into your workflows and get the results you want.

It's the time for employees to get their hands dirty and improve their prompt design.

This process involves identifying the main activities in daily work processes that can be automated with AI tools, learning how to use different tools to increase your productivity, and finding and identifying your use cases. Furthermore, you will learn how to combine different generative AI to optimize your results and identify use cases where additional data requirements are needed and where it becomes necessary to develop AI.

To facilitate the learning process across those three phases, the DAIN Academy by DAIN Studios has developed the [Data Thinking Toolkit](#). Through this guiding methodology, everyone can learn and gain practical experience with generative AI and explore its potential synergies with human creativity. With this, every company can [learn the use of GenAI](#) from outstanding AI experts.

A successful data transformation journey is done best alongside your team

DAIN Academy is the trusted partner you need for measurable, KPI-driven workforce data transformation programs that focus on the ideal learning scenario, so you can use data to make your job easier. We believe that data fluency is one of the most crucial competencies in our society, and everyone needs to understand, work, and live with data. At DAIN, we also offer data and AI strategies to businesses across a variety of sectors, and have helped our clients to streamline processes, generate new business, and increase sales through enhanced data strategy. [You can take a look at our case studies here.](#)



Working with Generative AI will be the most important productivity boost for companies in the next decade.

TIZIAN KRONSBEN

Head of DAIN Academy

DAIN Studios





Why choose DAIN Academy to workshop Generative AI business opportunities?

Through carefully constructed methodology, DAIN ideates with and for Generative AI. As already made clear in this paper, understanding GenAI technical basics, risks, and limitations is mandatory these days. DAIN wants to empower you and your company to define human-machine interactions within your existing processes, evaluate the usage, and define the requirements. Besides that, with DAIN Academy, you will receive guided support using AI throughout your workday.



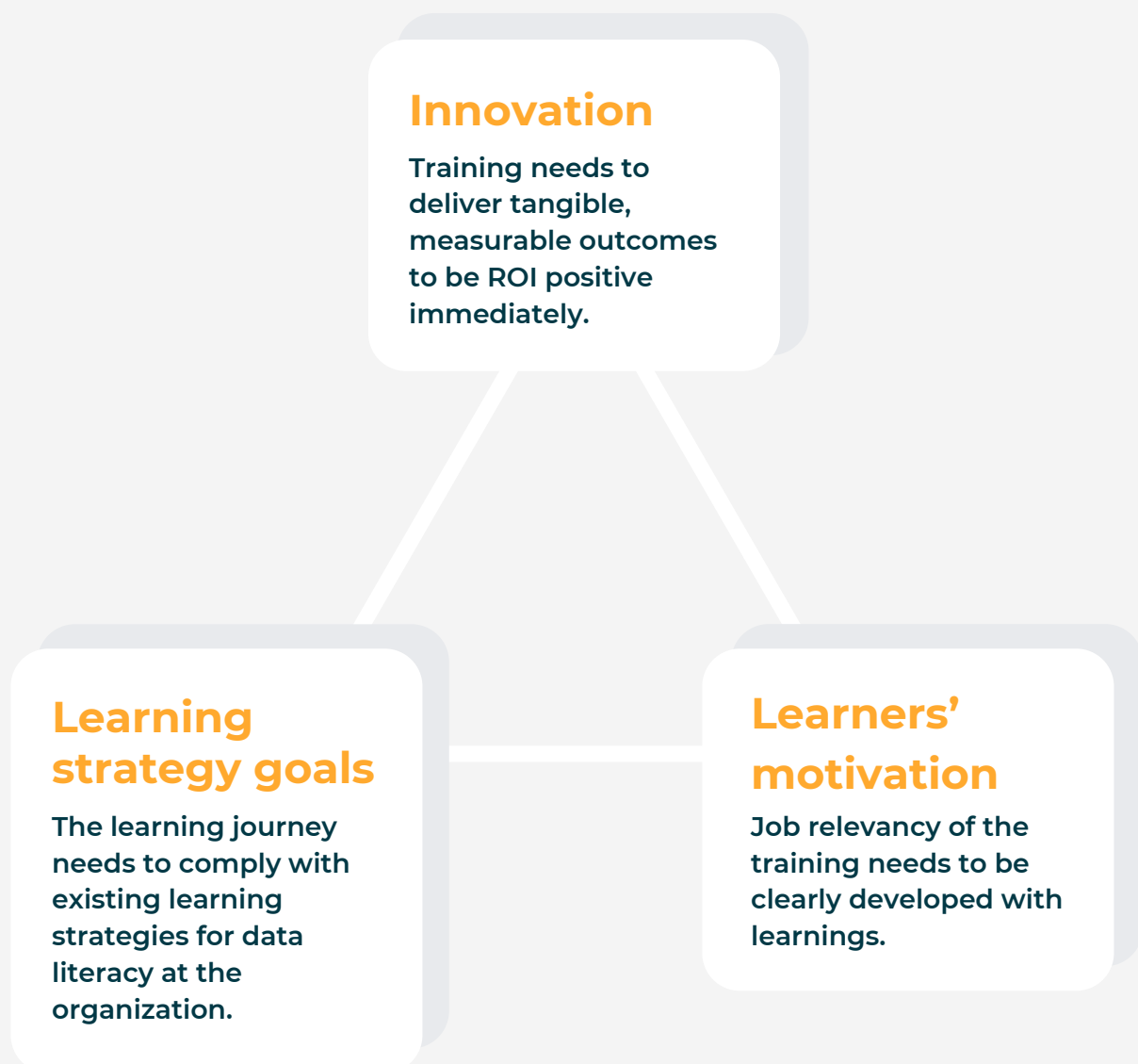
DAIN Academy - your trusted partner for data fluency

Training with DAIN Academy can benefit both **individuals and organizations** looking to develop their data fluency and improve their data-driven decisions. With experience in dozens of business projects, DAIN knows what skills are important for your employees and your organization.

Through its custom change programmes, DAIN Academy can design a practical learning path that aligns with an organization's specific objectives. By combining tangible business objectives, corporate learning strategies and employee learning needs, DAIN Academy designs practical, data-driven learning paths for data analytics, machine learning and AI. This method results in comprehensive and customized training that meets the needs of each organization and its employees.

Corporate learning triangle – DAIN's training triangle

There's no doubt Generative AI is a powerful tool that can transform the way organizations operate, generate, and analyze data, and develop new products and services. To take full advantage of its potential, organizations should consider training with experts in the field, such as DAIN Academy, which can provide comprehensive training programs tailored to specific needs and objectives.



By developing data fluency and machine learning skills through the three simple steps - Understand, Inspire, Apply - you can unlock the full potential of generative AI and work collaboratively with machines to drive efficiency, productivity, and profitability in businesses.



Do you want to see how other companies work already successfully with the DAIN Academy?

See how [A1 Telekom Austria Group](#) launched a training program that stretched and strengthened the organization's data literacy.

Author

Why do you like working at DAIN Studios Berlin?

"Everyone at DAIN is a practitioner in their field which makes learning from each other so much more practical. In addition to that I like how many of my own ideas I can develop and build to make DAIN better. "



TIZIAN KRONSBEGIN
Head of DAIN Academy
DAIN Studios

If you could solve one problem using data and ML, what would it be?

"Provide people with a solution that tells them how trustworthy a source is."

Tizian Kronsbein is a Data Strategist in the field of Digital Product and Service Design who works with customers from different domains in order to make their offerings more efficient and develop the necessary skill sets of their employees.

As the creator of the unique Data Thinking format, Tizian seeks to enable clients to see their hidden data potentials and ultimately, build better data-driven products and services.

As Senior Data and AI Strategist and Head of DAIN Academy at DAIN Studios, he is focused on building up crucial data competencies of leaders, founders, managers, product owners, project managers and essentially, anyone who wants to understand how to improve data fluency better.

About DAIN Studios

DAIN Studios is a leading data and AI consultancy that enables businesses to become data-driven organizations. We provide end-to-end solutions that cover everything from strategy to operations optimization.

Our team of over 80 experts brings extensive business experience and deep knowledge in data and AI to deliver comprehensive analysis, strategy, and implementation services. We work with clients across different industries, including healthcare, automotive, and financial services, to help them overcome unique challenges and identify new data-driven opportunities.

At DAIN Studios, we prioritize ethical data practices and the protection of individual consumer rights. We ensure that our solutions are effective and responsible. Additionally, we recognize the importance of data fluency in today's business landscape. That's why we established the DAIN Academy, a trusted partner for measurable, KPI-driven workforce data transformation programs. Our workshops on generative AI further reinforce our commitment to developing data fluency among individuals and teams.

With offices in Helsinki, Berlin, Munich, and Vienna, DAIN Studios has a proven track record of enabling businesses to leverage data and AI to drive growth and innovation. Our success in delivering top-quality services has been acknowledged with the Top Consultant Award in 2022 and 2023.

We can help your business with services including:

- Data & AI Strategy
- Data-Driven Operating Model
- Data Science & AI
- Data Architecture & Engineering
- Business Intelligence
- Data Training

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