

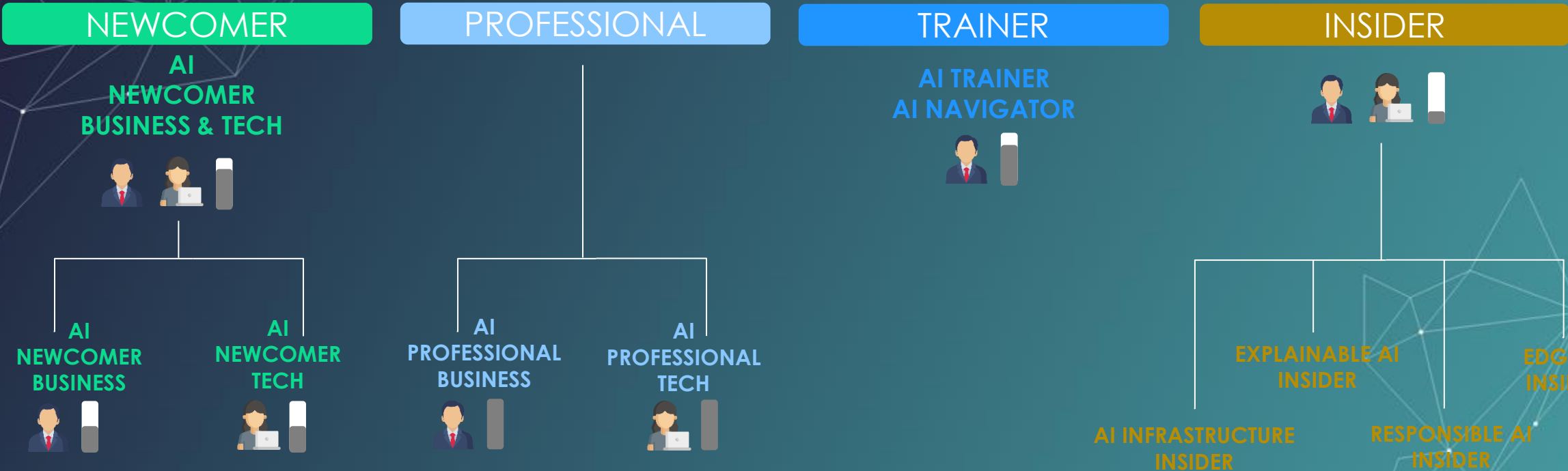
DIE AI ACADEMY

*Value driven
learning journey
through the world of
artificial intelligence.*



AI ACADEMY TRAININGS

VALUE DRIVEN LEARNING JOURNEY THROUGH THE WORLD OF ARTIFICIAL INTELLIGENCE.



BUSINESS EXPERT LEVEL



TECHNOLOGY EXPERT LEVEL



2 HOURS



1/2 DAY



1-2 DAY(S)



5 DAYS

CUSTOMIZE YOUR OWN LEARNING JOURNEY

EXEMPLARY FOR BUSINESS LEVEL





AI NEWCOMER BUSINESS & TECH



ABOUT THIS TRAINING:

The AI NEWCOMER BUSINESS & TECH training provides fundamental knowledge about Artificial Intelligence ranging from the insights into best practices & use cases to basic explanation & demystifying of the technology and added value behind AI-based solutions.

WHY THIS TRAINING IS FOR YOU:

The AI NEWCOMER BUSINESS & TECH training is for AI beginners that want to gather a common understanding of the main terms around AI and gain first action points on how to approach AI projects.

TRAINING GOAL:

After this training, participants will understand the value drives and the power of AI solutions. They will also understand the technological background of the basic AI concepts and have knowledge of introducing and setting up an AI project.

LEARN MORE ABOUT:

- ✓ Definition of AI & distinguishing between AI and not-AI solutions
- ✓ AI value drivers, current best practices and industrial use cases
- ✓ Anatomy of AI applications, Domain Knowledge, Black Box, White Box, Explainable AI, Data Value
- ✓ Evaluating whether AI is ready for the challenge (maturity, feasibility)
- ✓ Setting up an AI Project
- ✓ Building Blocks of AI
- ✓ Potential Partner Landscape



DURATION:

1 DAY



LANGUAGE:

ENGLISH/GERMAN



FORMAT:

ONLINE



PRICING:

**495 €
exclusive tax**



DATES: 09:00 A.M. – 06:00 P.M.

07.12.2021  **02.06.2022** 

07.04.2022  **13.10.2022** 

02.08.2022  **06.12.2022** 



AI NEWCOMER BUSINESS



ABOUT THIS TRAINING:

The **AI NEWCOMER BUSINESS** training, provides an understanding of artificial intelligence, in explaining what artificial intelligence means, demonstrating a variety of successfully implemented AI use cases and providing a framework on how to assess possible AI use cases and how to setup AI projects.

WHY THIS TRAINING IS FOR YOU:

The **AI NEWCOMER BUSINESS** training is for non-technical AI beginners that are looking to get to know the background of artificial intelligence and understand its potential and transfer possibilities into own business.

TRAINING GOAL:

After this training, the participants will have gained an understanding of the potential and limits of artificial intelligence and gain first insights into how to approach AI use cases to setup successful implementation.

LEARN MORE ABOUT:

- ✓ What is AI?
- ✓ Value Drivers of AI
- ✓ Best Practices of AI
- ✓ Am I ready for this AI solution? Is the AI solution ready for my challenge?
- ✓ Setting up an AI Project



DURATION:
4 HOURS



LANGUAGE:
ENGLISH/GERMAN



FORMAT:
ONLINE



PRICING:
295 €
exclusive tax



DATES: 09:00 A.M. – 01:00 P.M.

07.12.2021	14.02.2022	2:00-6:00 p.m.
07.04.2022	02.06.2022	
02.08.2022	13.10.2022	



AI NEWCOMER TECH



ABOUT THIS TRAINING:

The AI NEWCOMER TECH training, provides a deep dive into the technological fundamentals of artificial intelligence to gain an understanding about what technical characteristics differ AI from classical data analytics methods.

WHY THIS TRAINING IS FOR YOU:

The AI NEWCOMER TECH training is for technology-affine parties that are starting in the area of artificial intelligence and are looking to understand the technological fundamentals of AI.

TRAINING GOAL:

After this training, the participants will have learned about the difference between classic optimization software and AI, understand the algorithms, pipelines and domain knowledge. The participants will also understand the importance of the right data, and what technical approach to use depending on the data available.

LEARN MORE ABOUT:

- ✓ Anatomy of AI Applications
- ✓ Domain Knowledge
- ✓ Black Box & White Box
- ✓ Explainable AI
- ✓ Data Value



DURATION:
4 HOURS



LANGUAGE:
ENGLISH/GERMAN



FORMAT:
ONLINE



PRICING:
295 €
exclusive tax



DATES: 02:00 P.M. – 06:00 P.M.

07.12.2021	15.02.2022
07.04.2022	02.06.2022
02.08.2022	13.10.2022



AI PROFESSIONAL BUSINESS



ABOUT THIS TRAINING:

The intensive AI PROFESSIONAL BUSINESS training provides you with a proven methodical approach from the ideation, assessment, data testing to agile implementation methods. Learn on practical example how to apply the method in your own company and get a deep dive into current trend topics of AI, like Edge AI.

WHY THIS TRAINING IS FOR YOU:

This AI PROFESSIONAL BUSINESS training is for business decision makers in the field of artificial intelligence and big data that want to understand the methodical approach to implement AI solutions and gather a practical experience on main methods of the agile AI implementation methods.

TRAINING GOAL:

After this training, the participants will be able to apply the AI navigator in own companies to successfully identify and assess potential AI use cases. Furthermore, the participants will have gained an introduction to agile development methods, the importance of user experience in AI solutions, quality assurance and upcoming trends to look out for.

LEARN MORE ABOUT:

- ✓ AI Navigator
- ✓ Ideation
- ✓ AI Use Case Assessment
- ✓ Agile Development
- ✓ Explainable AI
- ✓ AI Business Models
- ✓ Best Practices



DURATION:
5 DAYS



LANGUAGE:
ENGLISH/GERMAN





FORMAT:
ON SITE



PRICING:
3,995 €
exclusive tax



DATES: 09:00 A.M. – 06:00 P.M.
07.-11.03.2022 
07.-11.11.2022 



AI PROFESSIONAL TECH



ABOUT THIS TRAINING:

The intensive AI PROFESSIONAL TECH training provides you with essential techniques and knowledge in the field of industrial big data, data mining, visual analytics and provides you with a ground knowledge and practical experience on supervised, unsupervised and deep learning.

WHY THIS TRAINING IS FOR YOU:

This AI PROFESSIONAL TECH training is for technical beginners in the field of artificial intelligence and big data that want to understand the technical basic and gather a practical experience on main methods of advanced data analysis. Basic programming knowledge is necessary.

TRAINING GOAL:

After this training, the participants will have gained a ground understanding of the complexity of data science. The participants will have gathered a practical experience for the main machine learning techniques and gain an understanding of the building blocks of successful data analysis.

LEARN MORE ABOUT:

- ✓ Data Science
- ✓ Python for Data Science
- ✓ Databases & Pipelines
- ✓ Data Analysis & Visualization
- ✓ Explainable AI
- ✓ Machine Learning
- ✓ Unsupervised Learning
- ✓ Supervised Learning
- ✓ Deep Learning



DURATION:
5 DAYS



LANGUAGE:
ENGLISH/GERMAN





FORMAT:
ON SITE



PRICING:
3,995 €
exclusive tax



DATES: 09:00 A.M. – 06:00 P.M.
21.-25.03.2022 
21.-25.11.2022 

OVERVIEW TRAINING AGENDA

AI PROFESSIONAL - BUSINESS & TECH

Day 1

Introduction
Data science
Industrial big data
Databases & Pipelines



Day 2

Data Mining Tools
Python for Data Science



Day 3

Data Analysis &
Visualization
Explainable AI
From Sensor to
Dashboard



Day 4

Machine Learning
Unsupervised Learning
Supervised Learning



Day 5

Deep learning
Trends & Research
Topics
Self Learning
Exam



TECH TRACK

BUSINESS TRACK



Day 1

AI Navigator
Ideation & jobs-to-be-
done



Day 2

AI Assessment
Data testing &
technology scouting



Day 3

Agile Development
The UX of AI
AI Business Models



Day 4

Explainable AI
Ethics & Regulation
Quality Assurance



Day 5

Edge AI
Best Practices & outlook
Exam



AI TRAINER AI NAVIGATOR



ABOUT THIS TRAINING:

Learn how to apply the proven methodical approach, AI Navigator, which has a goal of helping companies to find their individually optimal way to use AI technologies, successfully and profitably in own companies.

WHY THIS TRAINING IS FOR YOU:

This course is for all decision-makers planning to identify and implement the truly promising AI use cases.

TRAINING GOAL:

After this training, the participants will be able to independently apply the methodology of the AI Navigator to identify the most promising AI use cases and assess those in terms of readiness to ensure a successful implementation of AI use cases.

LEARN MORE ABOUT:

- ✓ Ideation
- ✓ Confrontation and Analogy Principle
- ✓ Jobs to be done
- ✓ AI Readiness Assessment



DURATION:
2 DAYS



LANGUAGE:
ENGLISH/GERMAN





FORMAT:
ON SITE



PRICING:
1,795 €
exclusive tax



DATES: 09:00 A.M. – 06:00 P.M.
10.-11.05.2022 
27.-28.09.2022 



AI INSIDER EXPLAINABLE AI

ABOUT THE COURSE:

The **EXPLAINABLE AI INSIDER** course provides you with a deep dive into the buzzword of explainable AI. Learn about the drivers and challenges of explainability and gain an overview of the main methods on how to successfully implement XAI depending on the objective and try the explainability on a practical example.

WHY THIS IS FOR YOU:

This **EXPLAINABLE AI INSIDER** training is for technology experts looking for learning about the basics of explainable AI and how to approach it. This course is also relevant for technology-affine management level who want to understand the potential of explainable AI and if it is relevant for own business.

TRAINING GOAL:

After this training, the participants will have understood the motivation and drivers of explainability. They will also gain insights into how to approach explainability to understand when and how to use different models of explainability.

LEARN MORE ABOUT:

- ✓ Explainable AI
- ✓ Drivers & Challenges of XAI
- ✓ XAI Methods
- ✓ Partial Dependence Plot
- ✓ Feature Importance
- ✓ Surrogate Models
- ✓ LIME
- ✓ Shapley Values



DURATION:
2 HOURS



LANGUAGE:
ENGLISH/GERMAN



FORMAT:
ONLINE



PRICING:
35 €
exclusive tax



DATES:
10.11.2021 
22.02.2022 



AI INSIDER RESPONSIBLE AI

ABOUT THE COURSE:

The **RESPONSIBLE AI INSIDER** training provides you with an introduction to the main ethical challenges and issues revolving around artificial-intelligence applications. The course also provides with guidelines on how to approach AI projects ethically and gives an overview of regulatory measures that are currently underway to ensure the responsible use of AI.

WHY THIS IS FOR YOU:

The **RESPONSIBLE AI INSIDER** training is meant for AI beginners, as well as advanced users/developers of AI since it highlights main aspects of developing not only successful and value adding AI solutions, but also solutions that comply with ethical and regulatory requirements.

TRAINING GOAL:

After this training, the participants will have understood the ethical ramifications of AI in today's societies and how to approach and reduce the issues created through non-ethical AI solutions.

LEARN MORE ABOUT:

- ✓ Ethics in AI
- ✓ Bias
- ✓ Ethical AI Workflow
- ✓ Legal Framework of AI
- ✓ Responsible AI



DURATION:
2 HOURS



LANGUAGE:
ENGLISH/GERMAN



FORMAT:
ONLINE



PRICING:
35 €
exclusive tax



DATES:
25.01.2022 
05.07.2022 



AI INSIDER EDGE AI



ABOUT THE COURSE:

The **EDGE AI INSIDER** training provides you with an introduction to the topic of Edge AI. The course demystifies the buzzword of Edge AI and provides an understanding of the approach and the key benefits. The course also gives an insight into the most promising application areas and applications of Edge AI, today as well as in the future, and provides a first overview of main technological approaches and possible development paths.

WHY THIS IS FOR YOU:

The **EDGE AI INSIDER** training is meant for AI beginners, as well as proficient AI experts and managers that want to learn more about the rapid development and the relevance of Edge AI and understand what impact Edge AI has on own company and what potential it holds.

TRAINING GOAL:

After this training the participants will have understood the benefits and the main drivers of Edge AI. They will also be able to use the gained knowledge as a basis for further decision-making regarding the relevance and prospects of Edge AI.

LEARN MORE ABOUT:

- ✓ Understanding Edge AI
- ✓ Benefits & challenges of Edge AI
- ✓ Application areas
- ✓ Technology introduction of Edge AI



DURATION:
2 HOURS



LANGUAGE:
ENGLISH/GERMAN



FORMAT:
ONLINE



PRICING:
35 €
exclusive tax



DATES:
28.04.2022 
20.09.2022 

DATES 2022

2022

JAN 25.   AI INSIDER – RESPONSIBLE AI	FEB 14.   AI NEWCOMER – BUSINESS 15.   AI NEWCOMER – TECH 22.   AI INSIDER – EXPLAINABLE AI	MÄR 7.-11.   AI PROFESSIONAL – BUSINESS 21-25.   AI PROFESSIONAL – TECH	APR 7.   AI NEWCOMER – BUSINESS & TECH 28.   AI INSIDER – EDGE AI
MAI 10.-11.   AI TRAINER – AI NAVIGATOR 19.   AI INSIDER – AI INFRASTRUCTURE	JUN 2.   AI NEWCOMER – BUSINESS & TECH	JUL 5.   AI INSIDER – RESPONSIBLE AI	AUG 2.   AI NEWCOMER – BUSINESS & TECH
SEP 20.   AI INSIDER – EDGE AI 27.-28.   AI TRAINER – AI NAVIGATOR	OKT 11.   AI INSIDER 13.   AI NEWCOMER – BUSINESS & TECH	NOV 7.-11.   AI PROFESSIONAL – BUSINESS 21.-25.   AI PROFESSIONAL – TECH	DEZ 6.   AI NEWCOMER – BUSINESS & TECH 8.   AI INSIDER