

AI – ARTIFICIAL INTELLIGENCE out-of-the-Box!



Discover and experience Artificial Intelligence in production

Using the tec2SKILL exploreAI®, discover the Artificial Intelligence (AI) in production technology.

The didactically prepared industrial hardware, extended by the tec2SKILL exploreAI® app, and accompanied by 2 course modules including courseware, gives you and your participants, from beginners to professionals, an insight into the subject of AI.

Get your first experience with neural networks and understand how they are created. You can train the system individually or you can use prepared data to offer a first glimpse of "machine learning" or algorithms.

Data management: Learn how to collect, store, and prepare data to use in AI applications.

Integration: Learn how AI systems are integrated into existing production processes and how they work safely or effectively.

With the help of the tec2SKILL exploreAI® case and the smart ETS learning concept, understanding and use of Artificial Intelligence in production is put on a firm footing.

Watch product application!

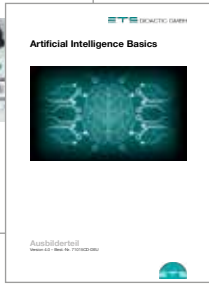




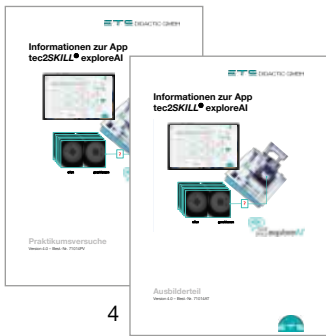
Courseware



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Contents

Tec2SKILL exploreAI® is a digital assistant for didactic support offering basic education in the field of "Artificial Intelligence" and is based on independent testing of the basics by interactive content and quizzes in all chapters. For mobile devices with camera (iOS and Android systems) that support Google ARCore or ARKit.



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-) Introduction (What is an AI, what types are there and how do they differ?)
-) Practical example (CPS stations, camera, image processing terms, What does the data look like?)
-) Training data (What is a data set, how many training data are actually required?)
-) Basics of Neural Networks (What is a neural network and how does it learn, feed-forward network, forward propagation, activation function, error)
-) Neural network using a practical example (independent configuration and application of the neural network to sample data, validation, convergence)



No.	Designation	Order No.
1	Manual Artificial Intelligence Board - Practical Exp., with Sol.	71010CD-ENG
n.i.*	Manual Artificial Intelligence Board - Practical Experiments	71011CD-ENG
2	Manual Artificial Intelligence Basics - Practical Exp., with Sol.	71015CD-ENG
n.i.*	Manual Artificial Intelligence Basics - Practical Experiments	71016CD-ENG
n.i.*	Manual Artificial Intelligence Basics - Presentation Aids	71017CD-ENG
3	Manual tec2SKILL exploreAI® - Practical Exp., with Solutions	71014AT
4	Manual tec2SKILL exploreAI® - Practical Experiments	71014PV
5	tec2SKILL exploreAI® APP	71014-0

The manuals 71014AT and 71014PV are essential for proper functioning of the application!



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We would like to have:

- more information on products
- an offer
- Contact us by telephone.
- We would like to test the demo app

