

Data Science with KNIME Analytics Platform - Advanced

L2-DS

This course builds on the Data Literacy with KNIME Analytics Platform: Basics - L1-AP course and introduces advanced concepts for creating and automating workflows with the KNIME Analytics Platform Version 5.

This course covers topics related to controlling node settings and automating workflow execution. You will learn about concepts such as flow variables, loops, switches and error catching. You will also learn how to handle date and time data, create advanced dashboards and process data within a database.

In addition, this course introduces you to the basic concepts of data science. You will learn how to train, apply and evaluate a supervised machine learning (ML) model. The course also covers how to optimize and validate your ML model. The course concludes with unsupervised learning using the example of K-means clustering.

Course Contents

- Flow Variables
- Workflow Control and Invocation
- Date & Time, Databases, REST Services, Python & R Integration
- Introduction to Machine Learning
- Review of the Last Exercises and Q&A

Please note: This course consists of four 75-minute online sessions conducted by a KNIME data scientist. Each session includes an exercise for you to complete at home. Together we will go through the solution at the beginning of the following session. On day 5, the course ends with a 15-30 minute final session.

Target Group

You should be an advanced KNIME user and ideally have already created a few workflows.

Prerequisites

This course does not provide an introduction to the KNIME Analytics Platform - it focuses on more advanced data science concepts.

It is recommended to attend the course Data Literacy with KNIME Analytics Platform: Basics - L1-AP beforehand.

You should already have the latest version of the KNIME Analytics Platform installed on your laptop, which you can download here: [knime.com/downloads](https://www.knime.com/downloads)

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/KNAD

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Status 04/26/2025

Training	Prices, excl. of V.A.T.	
Online Training	1 Day	€ 299
Dates upon request		

Our Training Offer for You:



Classroom Training

The live training experience in our training centers or on your premises on-site.



Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



In-house Training

We create your customized training concepts for your project.



Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

Awards Won by ExperTeach



ExperTeach Benelux B.V.

Ceresstraat 1 • 4811 CA Breda • Phone: +49 6074 4868-0 • Fax: +49 6074 4868-109 • info@exper teach.de • www.exper teach-training.com