

# Data Processing and Visualization in the MATLAB Environment

Course code: HSMATLAB3

The training will focus on loading, merging, and processing data of various types, including those with irregular formatting.

## Who is the course for

Intended for data analysts and all users who need to automatically process, analyze, and visualize data from various sources.

## What we teach you

- Importing data from text files of any format
- Importing and merging data from multiple files
- Working with categorical data and time series
- Data extraction, manipulation, and handling missing values
- Aggregation and group statistics
- Generating and modifying graphical data visualizations
- Advanced graphics control through graphical object settings

## Required skills

- Knowledge at the level of the "MATLAB Basics: Working with the Environment" and "MATLAB Basics: Data Manipulation and Programming" training.

## Teaching materials

- Printed lecture in Czech/Slovak language, certificate of completion.

## Covered tools:

- MATLAB

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