# Anwendungsbaustein - Auswertung von fds-Daten

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### **Preamble**



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#### Citation suggestion

Lukas Arnold, Simone Arnold, Florian Bagemihl, Matthias Baitsch, Marc Fehr, Maik Poetzsch, and Sebastian Seipel. 2024. "Building blocks of Computer-Aided Data Analysis - Application Module for fds Data" https://github.com/bausteine-der-datenanalyse/a-auswertung\_fds\_daten.

BibTeX-Vorlage

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@misc{BCD-Styleguide-2024,
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# Intro

#### Requirements

- Basic knowledge of python
- Importing packages
- NumPy basics
- Pandas basics
- Plotting with matplotlib
- Basic knowledge in simulating fires

### Used packages and data sets

- NumPy
- pandas
- matplotlib
- fdsreader

## Time required

Geschätzte Bearbeitungszeit: 4h

# Learning objectives

- Reading in data using the fdsreader
- Analyzing the data to perform an ASET analysis