



# Documentation of FelooPy

Efficient & Feature-Rich Integrated Decision Environment

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## What is FelooPy?

**TL;DR:** FelooPy is a user-friendly tool for coding, modeling, and solving decision problems. It helps you focus on analysis while supporting a wide range of mathematical and statistical models and algorithms for decision-making.

FelooPy (pronounced /**felupai**/) is a comprehensive and versatile decision science and operations research library. It enables users to code, model, and solve decision problems with minimal coding effort, allowing a focus on analytics.

The library supports:

- A wide range of mathematical and statistical methods for decision-making.
- Seamless integration with various interfaces and solvers.
- Low or no-code requirements, removing the need for extensive prompting of large language models or learning complex syntaxes.

Developed primarily in Python, FelooPy ensures accessibility and compatibility with multiple programming languages, making it a robust tool for researchers and practitioners alike.

