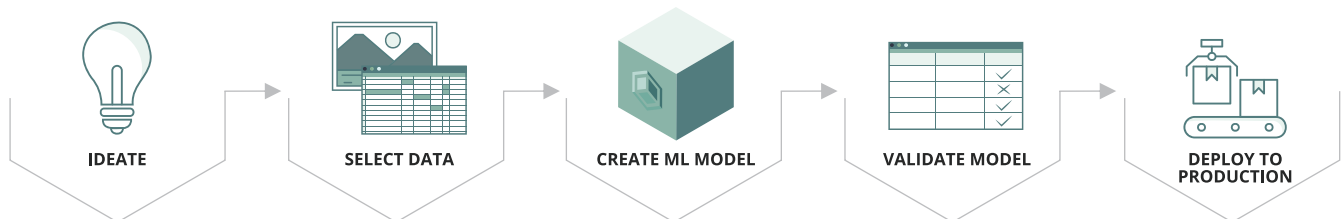


# Modulos AutoML Journey

## Schematic Overview

Modulos AutoML simplifies the development and deployment of state-of-the-art ML solutions. Go from business case to generating value with AI by following these steps:



## Using the Modulos AutoML Platform

**1 IDEATE:** Define your AI Use Case with ease.

Available ML tasks:

- **Regression** (e.g. predict property valuation)
- **Classification** (e.g. fraud detection)
- **Time Series Forecasting** (e.g. supply and demand forecasting)
- **Soon: Probabilistic Classification** (enable risk-based decisions)

**2 SELECT DATA:** Simple upload process.

Upload your dataset onto the platform. If the platform has been deployed on-premise, **your data never leaves your environment.**

The platform supports the following datasets:

- **Tabular data** (e.g. sensor data)
- **Imaging data** (e.g. images from production lines)
- **Any combination of tabular and imaging data** (e.g. X-Ray scans combined with general patient data)

**3 CREATE ML MODEL:** Automated selection and training of ML models.

The platform automatically performs:

- **Selection of applicable feature extraction and ML models** (e.g. decision trees, neural networks etc.)
- **Systematic and unbiased search for the best combinations and solutions**
- **Train and tune feature extraction and ML models**

**4 VALIDATE MODEL:** Select, download, and understand your ML solution.

Download the best or any other ML solution you desire:

- **Solutions with fully transparent code, fully belonging to you**
- **Understand your ML solutions with the additional insight plots and information** (e.g. interpretability)

**5 DEPLOY TO PRODUCTION:** Deploy your solution anywhere you want.

Integrate the solutions into your services to generate value:

- **Modular and easily replaceable solutions to enable ML DevOps**
- **Deploy the solutions anywhere you desire** (e.g. on-premises, public cloud)
- **Execution of solutions is completely free of charge**