# EZEE AI

![Machine2Learn logo and EZEE AI product shown on multiple devices]



## EZEE AI

Our Machine2Learn EZEE AI or The Easy Artificial Intelligence platform really is just that, an Open Source platform to make training, running and deploying Artificial Intelligence models a whole lot easier.

## EZEE AI, no coding required!

With EZEE AI, you can now create deep learning models graphically and intuitively. No need for coding, just drag 'n drop your data files, create and train your deep learning model and train your deep learning model with a few mouse clicks! After that, deploying your model becomes very easy.

## EZEE AI's origins

EZEE AI was originally developed by Machine2Learn's research team to make their own lives a lot easier. With EZEE AI, they could, for example, quickly assess the predictive possibilities of customer datasets.

When word got out, other data scientists and academics became so enthusiastic, we decided to make EZEE AI available to others.

## Why EZEE AI?

- Intuitive, easy to understand Graphic User Interface;
- No coding required just drag 'n drop datasets;
- Visually create deep learning models;
- Start training models in a matter of minutes;
- Understand and explain certain outcomes i.e. for GDPR;
- Make your models easily deployable;
- No technical background required.
- Open source software licence

You do not need much experience with deep learning or coding to use EZEE AI. That's why EZEE AI is now used by many users around the world, ranging from high school students and academics to data scientists and business managers.

## Specifications

For the standalone version, all you need is a pre-installation of the latest stable version of Python 3. EZEE AI also runs in cloud environments (Google, Azure, AWS etc.). In that case, An Internet connection will do.

## What can you do with EZEE AI?

- Simply upload datasets easily by drag 'n drop upload;

- Use e.g. CSV file datasets;

- Automatically detect feature types and change manually;

- Use out of the box deep learning models for regression and classification;

- Choose out of the box models or create new ones and compare their results;

- Easily manage your models ;

- Intuitively design deep learning model architectures;

- Specify and choose your features;

- Tune hyperparameters.

- Graphically log and see the progress of the model metrics such as accuracy, loss and $r^2$;

- Use Tensorflow, Google's open source machine learning framework;

- Run it on any cloud platform;

- Automatically create docker containers to deploy and run trained models in production environments;

- Use explainability, a unique functionality enabling you to explain what the model is actually doing. This is especially important for GDPR.

## About Machine2Learn

Machine2Learn is a Dutch Artificial Intelligence company, specializing in machine learning and deep learning. We create end-to-end AI solutions for industry, the medical sector and for the service industry.

Machine2Learn is a spin-off of the Radboud University in Nijmegen. Our scientific research department is headed by Professor Tom Heskes and Professor Marcel van Gerven, two of the world's leading authorities on AI.

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