



FUSE-AI

# Unser Serviceangebot im Bereich KI Entwicklung

FUSE-AI  
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FUSE-AI

## **Skill Set FUSE-AI Development Team**

- Programming Languages: Python, Java, C++
- Machine Learning Algorithms and Frameworks
- Probability and statistics
- Data Modeling and Evaluation
- Signal Processing
- AI-System Development:
  - iOS & Android Apps, Embedded Systems
  - REST-API based Services

## **Our AI methods**

- Computer Vision / Image Recognition
  - Classification
  - Segmentation
  - Image Registration
  - Object Detection
  - Object Recognition
- Analysis of structured data
  - Cluster Analysis
  - Statistical Analysis
  - Classification
  - Regression Analysis and Prognosis



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## Our toolkit

- Python, including Keras, Tensorflow, Pandas, Numpy, Scipy
- OpenCV
- Docker
- Git
- ITK-Snap

## The procedure for AI projects with FUSE-AI

- Review / stocktaking
  - Business understanding / business case
  - Review of data
- Formulation of the product requirement specification
- Formulation of the functional specification document
- Data preparation / data cleansing
- Modelling
  - Design and selection of methods and frameworks
  - Implementation
  - Evaluation
- Deployment / Provision

# Software-Stack

