

Assisted AI Workbench

You build your own AI with your own Data.
We assist you, improving Sustainability and Effectiveness.

- Ready-to-use, integrated and managed platform that runs on Microsoft Azure or in your own data center.
- Industry-standard machine learning workbench lets you focus on the AI's purpose, not on technology.
- Auditable and verifiable actions throughout an AI project.
- Easy wrapping and deployment of trained models through web services and REST APIs.
- Subscription-based one-on-one assistance for your team by our data scientists.

Use Cases

- Deep Learning for medical image interpretation.
- Single- and multi-classification.
- Segmentation in 2D and 3D (MRI, CT, X-Ray).
- Quantification and measuring.
- Predictive modeling.
- Data augmentation in 2D and 3D.
- Manufacturer-independent image calibration.
- Data anonymization and pseudonymization.



Included Tools

- **Project and Data Manager** (usage tracking, auditing, validation, export/import)
- **Image Preprocessors** (resolution, sizing, chunking, centering, normalization, Gamma-correction)
- **2D-, 3D-, GAN-Data Augmenters** (MRI, CT)
- **Keypoint Setting** (segmentation)
- **Data Labeling**

Included Services

- **Deployment and Maintenance** of the full Deep Learning environment (tuning, backup, monitoring, customization for storage, compute/GPU and tooling)
- **Coaching on Demand** (ad hoc one-to-one calls with domain-specialized data scientists)
- **Training on Demand** (entry-level, intermediate and deep dive live, customized training)

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The AI Workbench integrates Python/R, TensorFlow/CNTK, Spark, SQL, CPU/GPU, HDFS/DataLakes and external data access in a containerized environment (Kubernetes or equivalent).