

# 自动人工智能生成技术 Automated AI Generation Technology

自动人工智能生成使用自动机器学习生成适合工业应用的 AI 模型，减少了 AI 开发中的工程师工作量，并且无需为每个特定的工业任务配备专门的 AI 专家团队。Automated AI Generation uses automated machine learning to generate AI models for industrial applications, reducing the engineering effort in AI development and eliminating the need for a dedicated team of AI experts for each specific industrial task.

## AI生成 AI generation

通过自动机器学习为用户指定的制造业数据自动生成独一无二的AI解决方案

Automatically generate unique AI solution for user-specified manufacturing data by automated machine learning

- ◆ 降低AI准备时间  
Reduce AI preparation time
- ◆ 减少工程师工作量  
Reduce engineer efforts
- ◆ 可在中低阶GPU服务器上运行  
Runnable on low or middle level GPU servers
- ◆ 适用于分类 / 物体侦测 / 图像的语义分割  
Applicable on classification / object detection / segmentation

## 数据修正引擎 Data correction engine

自动侦测并修正错误标签的类别数据

Detect and correct mislabeled categorical data automatically

- ◆ 降低数据清理成本及时间  
Reduce cost and time on data cleaning
- ◆ 提高AI准确率  
Increase AI accuracy
- ◆ 可独立运作  
Can operate independently

## 合成数据引擎 Synthetic data engine

根据CAD模型自动合成训练数据

Automatically synthesize AI training data from CAD model

- ◆ 减少AI训练的真实数据需求量  
Reduce amount of real data for AI training
- ◆ 降低数据收集成本及时间  
Reduce cost and time required for data collection
- ◆ 可独立运作  
Can operate independently

