

Artificial Intelligence for Industrial Automation

Explore, design, validate, and deploy artificial intelligence models and algorithms.

Use AI to develop new capabilities or enhance existing solutions



Manufacturing Analytics

AI-Based Visual Inspection



Predictive Maintenance

Soft Sensors



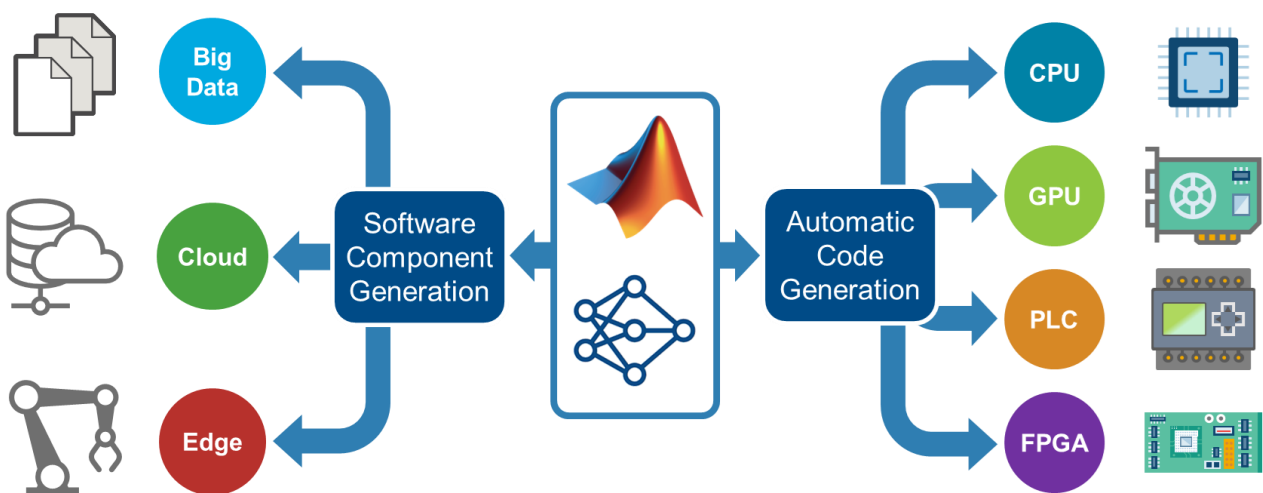
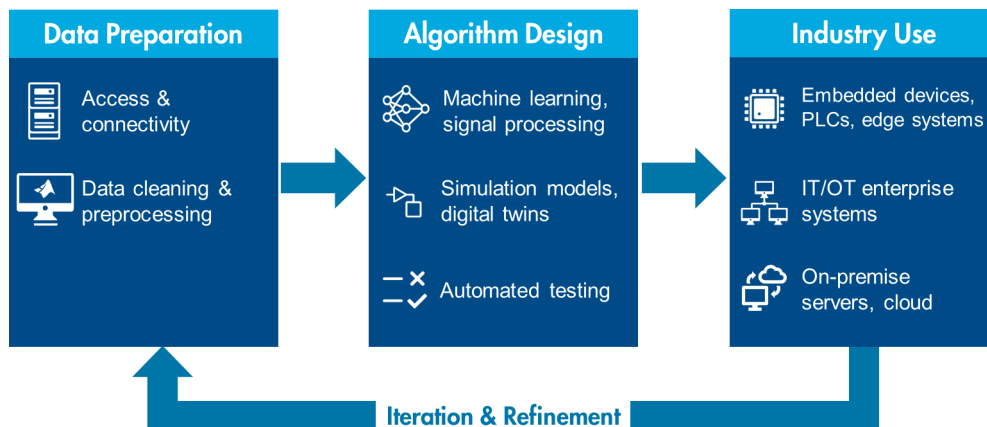
Control using Reinforcement Learning

Robotics & Autonomous Systems



Digital Twins Generating Synthetic Data

Develop AI algorithms in-house



mathworks.com/industrial-automation-machinery