DATAMATICS

DATAMATICS KAI ACCELERATORS

Driving Continuous Innovation with Transformative AI

Kaizen, a Japanese philosophy of continuous improvement emphasizes improving efficiencies, refining processes and eliminating waste. Derived from the Kaizen philosophy – Datamatics Kai Accelerators embodies this principle of AI-driven solutions that enable continuous optimization in client enterprise systems.

Improvements including - Legacy Modernization, improve SDLC productivity, real-time decision-making, workflow efficiency, enhanced customer experience and finally save time and costs. Powered by Classic AI, GenAI & Agentic AI technologies, Kai Accelerators help keep pace with evolving business needs.

They are designed to simplify complex processes, boost operational efficiency, and create value across industries such as Manufacturing, Logistics, Banking & Financial Services, and Insurance.

Kai**SDLC**

Redefining Software Development

Benefits

- Improve Productivity up to 60%
- Consistency & Quality
- Productivity Improvement
- Time Optimization
- Cost Saving
- Agile Adaptation

KaiSDLC is a GenAI-powered accelerator for rapid end-to-end SDLC artifact creation. It streamlines workflows for architects and engineers by automating code bases, technical documents (like BRDs, FDs, Design) and reducing time spent on repetitive SDLC tasks. Organizations can achieve up to 60% productivity gains through full lifecycle optimization.

Kai**BRE**
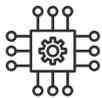
Legacy Modernization/Business Rules Extraction Tool

Benefits

- Save Efforts up to 80% with Business Rule Extraction for Legacy Code
- Improve Understanding of Legacy Applications
- Extract Business Rules
- Convert to Target Code
- Multi-language Support

KaiBRE is a GenAI-enabled Business Rule Extraction tool that simplifies the modernization of legacy codebases written in outdated languages like COBOL, php and VB, etc. It automates rule discovery and conversion to modern code with multi-language support. Organizations can save up to 80% effort and gain clear visibility into business logic.

Kai**Assist**

Conversational AI Interface using SLM/LLMs

Benefits

- Workflow Automation
- Leverages Advanced Language Understanding for Accurate Responses
- Headless Architecture

KaiAssist is a GenAI-powered conversational assistant built using SLMs and LLMs. It integrates with enterprise systems to automate workflows and deliver contextual, accurate responses. Its headless architecture ensures flexibility and seamless adoption.

Kai**Vision**

Comprehensive Video & Image Analytics Solution

Benefits

- Up to 99% accuracy in object detection & 80% in tracking
- Real-time Decision-making
- Evidence-Based Decision Making
- Workflow Efficiency
- Multi-Modal Support

KaiVision is a GenAI & VisionAI enabled accelerator that delivers real-time insights from images and video feeds. With up to 99% object detection accuracy and 80% tracking accuracy, it's built for industries needing fast, evidence-backed decisions. It supports diverse workflows like inspection, surveillance, and onboarding.

Kai**TONE**

Comprehensive Audio/Voice Analysis System

Benefits

- Sentiment Analysis
- Enhanced Customer Experience
- Operational Efficiency
- Data-driven Decision Making

KaiTone is a Generative AI-based voice and audio analysis system. It creates transcription (including speaker diarization), detects sentiment, and interprets intent across multiple languages. It is perfect for improving customer experience, agent assists, and operational insights.

Kai**Test**

Generative AI Tool for Speeding-up Software Testing

Benefits

- Automated Test Plan Generation
- Automated Test Case Generation
- Multi-format Test Case Creation
- Legacy System Migration Testing

KaiTest is a GenAI-powered tool that streamlines testing by automating the generation of test plans, cases, and scripts. With its ability to analyze requirements and produce comprehensive test scenarios for given user stories, KaiTest enhances efficiency and reduces manual errors.

Kai**Cloud**
ANALYZER
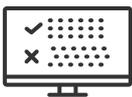
AI-led Tool to Analyse Application Portfolio

Benefits

- 30% Reduction in Application Assessment to Build Cloud Strategy

KaiCloud Analyzer uses AI to accelerate cloud migration by evaluating your application landscape. It offers a 30% reduction in assessment time and enables agentless portfolio discovery. Designed to fast-track your cloud strategy with minimal manual effort.

Kai**Cloud**
OPTIMIZER

AI-led tool to optimize Cloud Spends

Benefits

- 30% Reduction in Monthly Cloud Spend
- Identifies Inefficiencies
- Monitors Usage
- Streamline your Cloud Migration

KaiCloud Optimizer helps reduce monthly cloud spend by 30% through smart monitoring and cost analysis. It detects inefficiencies and suggests optimization strategies across AWS, Azure, and GCP. A must-have for multi-cloud cost control and sustainability.

DATAMATICS
Deep in
Digital

ABOUT DATAMATICS

Datamatics enables enterprises to go Deep in Digital to boost their productivity, customer experience, and competitive advantage. Datamatics' portfolio spans across three pillars of Digital Technologies, Digital Operations, and Digital Experiences. It has established products in Intelligent Document Processing, Robotic Process Automation, AI/ML models, Smart Workflows, Business Intelligence, and Automatic Fare Collection.

Datamatics caters to a diverse global clientele across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media & Publishing. The Company has a presence across four continents with significant delivery centers in the USA, India, and the Philippines. To learn more about Datamatics, visit www.datamatics.com

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