

## 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.



# KaiSDL



## Redefining Software Development

### Benefits

- Improve Productivity up to 50%
- Consistency & Quality
- Productivity Improvement
- Time Optimization
- Cost Saving
- Agile Adaptation

KaiSDL is an Agentic AI-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 50% productivity gains through full lifecycle optimization.

# KaiBRE



## 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is an Agentic AI-enabled Business Rule Extraction tool that simplifies the modernization of legacy codebases written in outdated languages like COBOL, php and VB, etc.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.

# KaiAssist



## Conversational AI Interface using SLM/LLMs

### Benefits

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

KaiAssist is an Agentic AI-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.

# KaiVision



## 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 an Agentic AI & 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.

# KaiTONE



## Comprehensive Audio/Voice Analysis System

### Benefits

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

KaiTone is an 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.

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# KaiTest



## Agentic AI Tool for Speeding-up Software Testing

### Benefits

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

KaiTest is an Agentic AI-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.

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# KaiCloud 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.

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# KaiCloud OPTIMIZER



## AI-led tool to optimize Cloud Spends

### Benefits

- 30% Reduction in Monthly Cloud Spend
- Monitors Usage
- Identifies Inefficiencies
- 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.

# DRCopilot



## From Complex Queries to Accurate SQL

### Benefits

- Democratizes data access without compromising security
- Enables self-service analytics
- Saves IT teams hours of manual query generation
- Ensures compliance through automated masking

Datamatics DRCopilot is an Agentic AI-powered data accelerator that transforms natural language questions into accurate SQL queries instantly. Integrated within Microsoft Teams Copilot, it automates data masking, adapts request windows, generates queries in real-time, and provides downloadable results. Organizations can empower business users to access data securely and quickly while reducing IT workload and maintaining compliance.

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# KaiKM



## Converting Unstructured Data into Actionable Intelligence

### Benefits

- Break down information silos
- Accelerate decision-making
- Discover hidden insights
- Enable predictive intelligence

KaiKM is an AI-enabled knowledge management solution that synthesizes enterprise data from documents, emails, and datasets into plain-language answers. By mapping hidden relationships across the knowledge base, it enables faster decision-making, predictive modeling, and true enterprise intelligence. Organizations can harness fragmented data for actionable insights and improved business outcomes.

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# KaiUW Assist



## Multi-agent Underwriting Solution for Faster Underwriting

### Benefits

- Eliminates manual underwriting delays
- Improves decision accuracy with explainable AI
- Continuously learns to improve outcomes
- Enables straight-through processing for higher efficiency

Datamatics KaiUW Assist is an Agentic AI-powered multi-agent underwriting accelerator. It automates end-to-end workflows—from applicant data collection and medical history analysis to risk assessment—providing explainable and transparent outcomes. With continuous learning and reinforcement algorithms, organizations can reduce manual delays, improve decision accuracy, and complete underwriting in minutes instead of days.

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](http://www.datamatics.com)

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