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BROCHURE

# kenAI

**INTEGRATED MLOPS  
AT SCALE**

**ON MICROSOFT AZURE**

KenAI provides a mindful automation framework to accelerate AI/ML Journey across key cloud platforms. It helps to standardize and streamline the AI/ML journey by leveraging it's built-in components which help to operationalize the models with speed and scalability.

## KenAI helps data scientists, ML engineers and business teams to



**Automate model lifecycle process to operationalize models**



**Help optimize collaboration between multiple teams across the organization**



**Improve reproducibility and auditability of models to comply with regulations**



**Eliminate manual tracking for managing the model in production**

## Key building blocks for KenAI

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### KenAI Automate

Provides automated pipelines for training, inference, and drift along with reusable components for model lifecycle management



### KenAI Assure

Provides model quality assurance with in-built test cases to help quantify the model quality and performance



### KenAI Govern

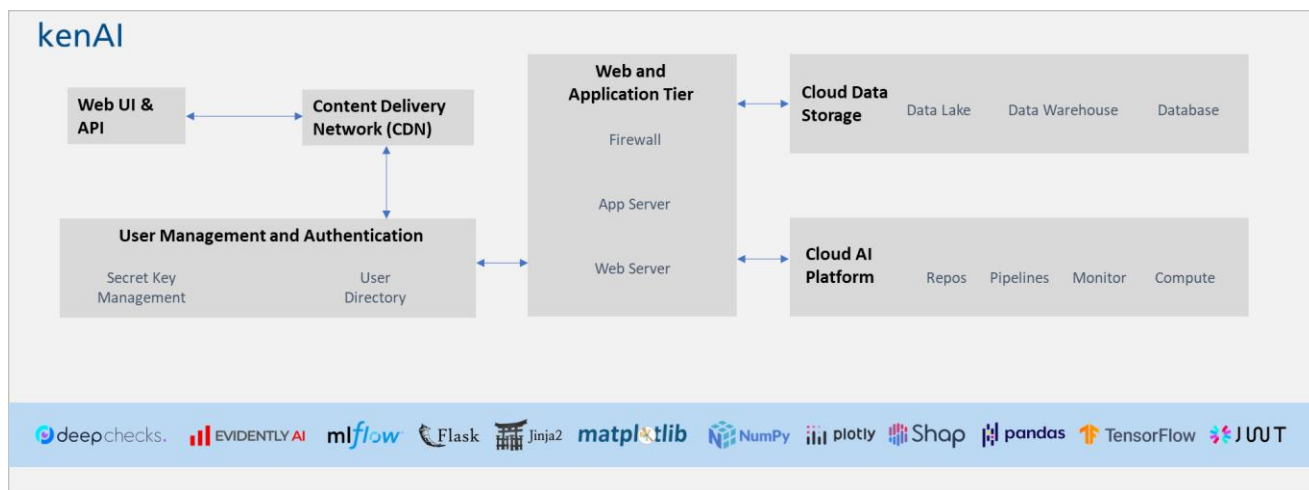
Provides comprehensive model explanations and governance on serialized models to drive transparency



### KenAI Monitor

Provides unified monitoring of the models deployed to ensure optimum performance continuously

## High Level Architecture of KenAI on Azure



## Key Microsoft Azure Components Leveraged

Azure ML | Azure DevOps | Azure Blob | Azure SQL | Azure Monitor | ACI | Active Directory

## Key Features of kenAI



### Model Lifecycle Management

Automated end-to-end model life cycle management including training, inference and monitoring



### Infra as a Code

Infrastructure as code templates for experimentation, training, inference and monitoring



### Model Observability

Model monitoring including model drift, data drift and service health to understand model performance



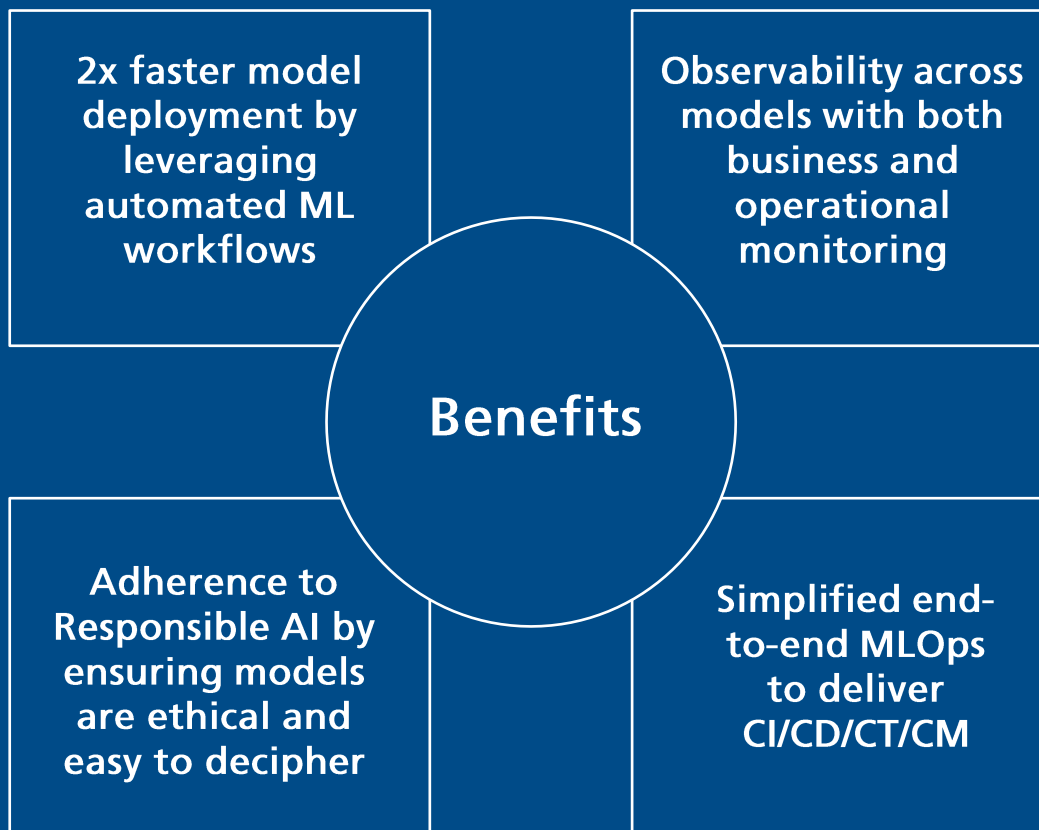
### Model Assurance

In-built tests to check data quality, model quality, and explanations along with operational dashboards to highlight performance metrics



### Reusable Components

Pre-built template along with low code/no code UI to help fast-track the model operationalization process



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