# Cortex Certifai

## MANAGE ALGORITHMIC BUSINESS RISK

**CognitiveScale**
THE TRUSTED AI COMPANY
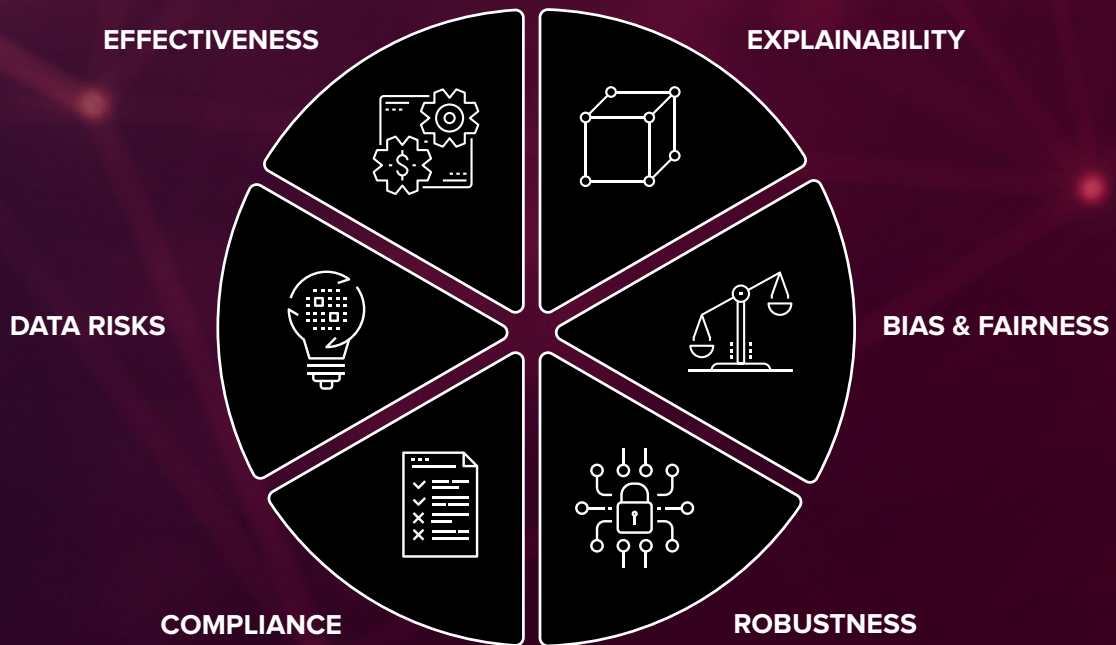
Cortex Certifai™ is the industry's first automated AI vulnerability detection and risk management product designed to address growing customer needs for managing AI business risk. Certifai generates an AI metric called AI Trust Index, the first-ever composite AI risk score that includes model Robustness, Explainability, Fairness, and Compliance. Cortex Certifai can be applied to any black-box model and a variety of input data.

Cortex Certifai is available both as a stand-alone application and as a container-based Kubernetes application on all major cloud providers, operating behind the firewall to protect you and your customers' data.

## MANAGE AI BUSINESS RISKS



**EFFECTIVENESS**

**EXPLAINABILITY**

**DATA RISKS**

**BIAS & FAIRNESS**

**COMPLIANCE**

**ROBUSTNESS**

## HOW TO GET STARTED WITH CERTIFAI
### TO HELP YOU BUILD AI YOU CAN TRUST

### Certifai Trial

Operationalize AI by adding Certifai AI Vulnerability Management inline to score and report metrics for business and technology stakeholders

### Certifai Enterprise

Build trustable AI at scale by implementing Certifai for AI ri sk and value management across all models and AI systems.

# What is Cortex Certifai™?

- Certifai rigorously audits AI models for fairness, robustness, transparency, and interpretability

- Once its audit is complete, Certifai generates an AI Trust Index along with detailed reports of potential risk

- It enables Compliance and Risk officers, Regulators, and AI system developers build trusted AI systems

# Why do you need Certifai?

Cortex Certifai uses AI to automatically detect and score vulnerabilities in almost all black box models without requiring access to model internals. Built on a unique counterfactuals fingerprinting engine, Cortex Certifai helps enterprises detect and manage in automated decisions systems by answering pressing questions, such as:

- How did the AI system predict what it predicted?
- Why did a person receive an unfavorable outcome from the model, and what can they do to reverse it?

- Has the model been unfair to a particular group?
- How easily can the model be fooled?

# What is unique about it?

- Certifai is model agnostic, enabling it to detect and score AI robustness, fairness, and explainability on practically any AI model.
- Its audits are done without needing to see model internals, thus protecting your IP

- Certifai generates a composite AI Trust Index for any black-box model and input dataset
- Its reports are role-specific, so stakeholders get only the information relevant to their responsibilities

# How does Certifai help its stakeholders?

## Compliance Officers

Monitors the robustness and fairness of deployed models in order to maintain users' trust

## Regulators

Monitors businesses' AI systems without needing internal access to models

## Model Developers

Diagnoses issues in robustness and fairness in the AI system, manages model risk, and accelerates AI into production

## Individual Users

Suggests behavioral changes that enable the user to gain a more favorable decision from the AI system in question.

Learn more at **cognitivescale.com**