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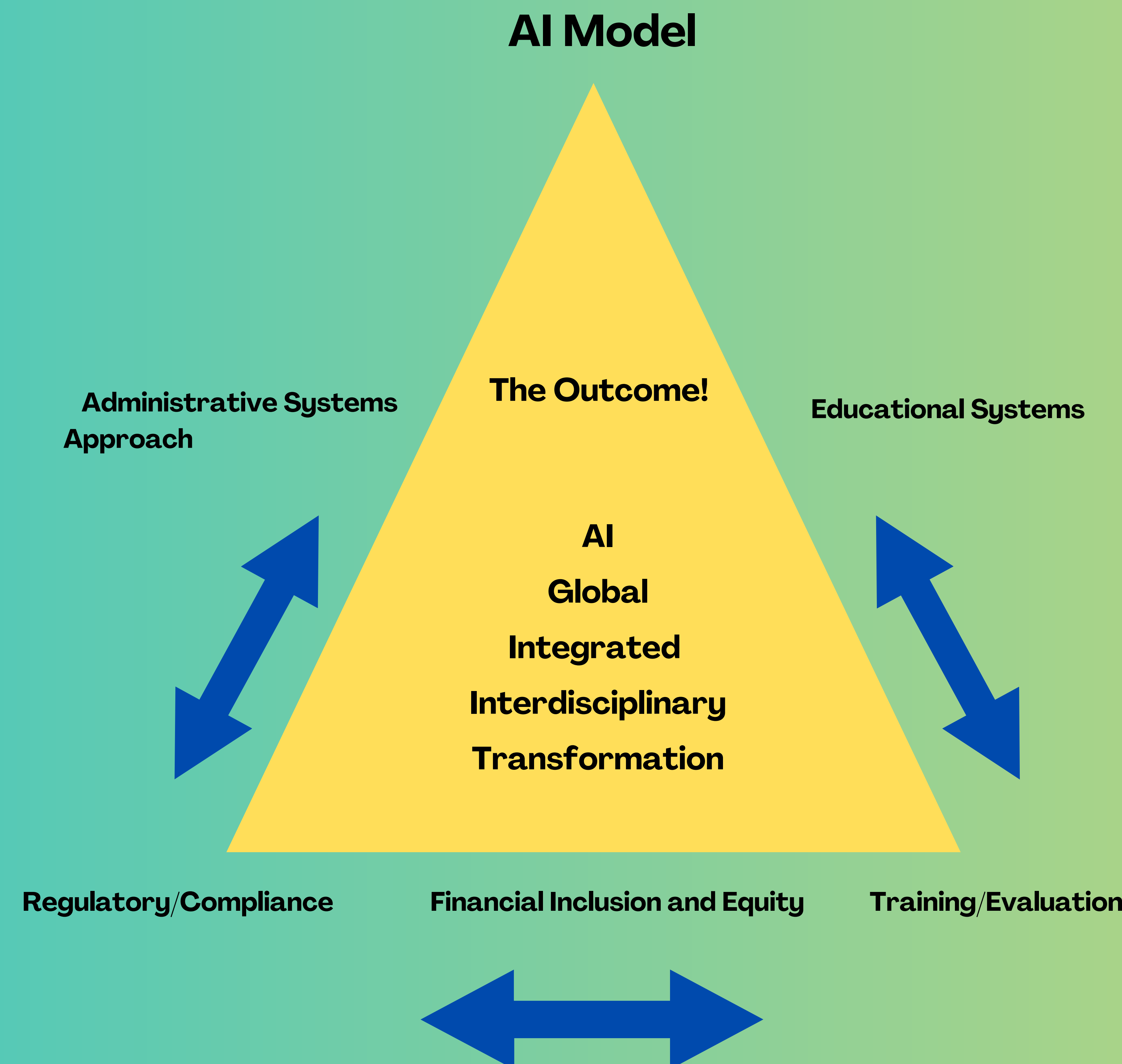
## Artificial Intelligence Integration and Interdisciplinary Transformation

### Abstract

A Global Artificial Intelligence (AI) Integration and Interdisciplinary Transformation Model has been created which illustrates the necessity for healthcare organizations to achieve successful outcomes in the healthcare sector. The integration of the business systems approach with the medical/clinical approach, compliance and training delineates a paradigm that assures organizational integration. The model will help assure students are well-prepared to manage within the AI healthcare sector.

### Methods

The artificial intelligence (AI) integration and interdisciplinary transformation integration is developed in three parts. First, system facets of the administrative systems approach are defined. This analysis establishes a framework by which the remaining sections are organized. Second, the medical/clinical systems perspective is defined in the language of the systems approach. Third, the systems are integrated with compliance and training. It is understood that financial inclusion and equity can be achieved in health care sectors, and other systems, by operating within a larger system rather than autonomous systems.



### Rationale

The model's rationale is based on an open system perspective which includes the environment, goals and values of the technical, structural, social subsystem and managerial subsystems. Each of the components has an interactional effect on the others and is instrumental in determining the way in which the other components operate. It is critical to understand:

1. The interaction between the system components.
2. The technical subsystem is instrumental in determining the complexity of the structural subsystem.
3. The increase in the number of levels results in an increase in structural complexity,
4. The interactions influence structural complexity and the critical nature of training.

### Outcomes

Consequently, the Global Artificial Intelligence (AI) Integration and Interdisciplinary Transformation Model will be implemented in the business curriculum through case studies and research. Understanding organizational integration concepts will assure students are prepared to manage and influence system integration to achieve financial and equity demands.