

Exhibit B
Eligible AI Technologies for AI Innovation Challenge
(adapted from NJ Innovation Fellows AI Cohort)

Teams/Companies participating in the AI Challenge must develop software solutions using one or more of the following AI technologies:

1. **Learning and Adaptation**

AI-powered software leveraging machine learning, deep learning, or reinforcement learning to continuously learn from data and optimize processes over time. Examples include predictive analytics platforms, AI-driven workflow automation tools, and intelligent business process optimization solutions.

2. **Autonomous Decision-Making**

Software solutions capable of making decisions independently to automate processes without human intervention. Examples include AI-powered financial trading algorithms, automated fraud detection systems, and intelligent supply chain management platforms.

3. **Data-Driven Insights**

AI software focused on extracting actionable insights from large datasets through AI-driven analytics. Applications include predictive customer analytics, AI-enhanced business intelligence platforms, and dynamic pricing models.

4. **Natural Language Processing (NLP)**

AI software enabling human-like interactions through text or speech processing. Examples include AI chatbots for customer support, AI-driven content generation platforms, and automated language translation software.

5. **Perception and Interaction**

AI-powered software utilizing computer vision or speech recognition to enhance digital interactions. Examples include AI-driven virtual assistants, automated video content analysis tools, and real-time transcription software.

6. **Generative AI**

AI software focused on creating new digital products, designs, or content using generative algorithms. Examples include AI-assisted design platforms, generative text and image creation software, and AI-driven product innovation tools.

Eligibility Criteria

A proposed AI-based software solution must address challenges across New Jersey by directly contributing to measurable efficiency improvements or enabling the creation of novel software solutions. Solutions that solely support general business operations without a direct AI-driven impact on efficiency or innovation will not qualify. Participating Teams/Companies creating AI-based software solutions during the AI Challenge must demonstrate one of the following innovation outcomes:

1. **Improved Efficiency**

AI software that optimizes digital processes, reduces costs, or enhances operational performance, such as automating workflows, optimizing customer interactions, or improving data analysis speed and accuracy.

2. **Novel Product or Service**

AI software that enables the development of a completely new digital product, service, or offering, such as an AI-powered recommendation engine, an innovative SaaS platform, or a unique AI-driven business model.