

Sl.no	Application Domain	Complex problem Identifies	Justification
1	Web Domain	scalability and performance optimization	It is justified because modern websites and web applications are expected to handle high levels of traffic, provide instantaneous responses, and ensure reliability, all while maintaining security and cost efficiency.
2	Logistics	last-mile delivery optimization	last-mile delivery optimization in logistics is justified because it significantly impacts cost, efficiency, customer satisfaction, and environmental sustainability. As e-commerce continues to grow, solving last-mile delivery challenges becomes crucial for logistics providers to stay competitive.
3	Agriculture	sustainable water management	sustainable water management in agriculture is justified because it impacts global food security, economic stability, and environmental sustainability. As agricultural water usage is one of the largest contributors to water depletion and ecosystem degradation, solving this issue is critical for the future.