

s.no	APPLICATION DOMAIN	COMPLEX PROBLEM IDENTIFIED	JUSTIFICATION
1	Cybersecurity	Preventing large scale data breaches	Involves cryptography, ai-based threat detections, and real-time monitoring
2	Healthcare	Disease prediction using machine learning	Requires vast datasets, ml, and precisions to avoid false positive/negatives.
3	Environmental science	Climate change predictions mitigation	Needs complex climatr models, massive computational resources, and accurate long term forecasting