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| S.NO | APPLICATION DOMAIN | COMPLEX PROBLEM IDENTIFIED | JUSTIFICATION |
| 1. | Climate Change | Global increase in temperatures due to greenhouse gas emissions | Reduce emissions, transition to renewable energy, enhance climate resilience. |
| 2. | Healthcare Access Inequality | Disparities in access to healthcare services based on geography, income, and social factors. | Expand access through policy reforms, improve healthcare infrastructure, telemedicine. |
| **3.** | AI and Automation | Rapid advancement in AI and automation technologies impacting job markets and ethical considerations. | Upskill workforce, ethical guidelines for AI, support for affected workers |