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| SNO | Application Domain | Complex problem Identified | Justified |
| 1 | Transportation and AI | Designing an AI model capable of real-time decision-making for autonomous vehicles to navigate crowded urban environments, ensuring safety and efficiency | Urban navigation presents challenges like unpredictable pedestrian movement, dense traffic, and varying road conditions. Addressing this problem can revolutionize transportation, improve safety, and reduce traffic congestion. |
| 2 | Biotechnology, Healthcare, | Developing an algorithm to analyze genomic data and predict personalized health risks or medication responses. |  |
| 3 |  |  |  |