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| **S.NO** | **APPLICATION DOMAIN** | **COMPLEX PROBLEM IDENTIFIED** | **JUSTIFICATION** |
| **1.** | **HEALTH CARE** | \*Difficulty in real-time patient monitoring \*. \*It isn't easy for elders or those with low-resource settings and they have difficulty in taking medicines. | \*To solve real-time patient monitoring we need to use health monitoring devices & sensors that can track vital signs such as heart rate\* and blood pressure. \*voice-activated reminders. |
| **2.** | **TRANSPORTATION** | \*High frequency of accidents. \*Due to heavy traffic in metro cities it takes lots of time to reach the destination. | \*AI-powered systems in vehicles can monitor driver behaviour. \*AI can monitor traffic signals and advise another path to reach the destination by suggesting another path. |
| **3.** | **COMBATING ONLINE MISINFORMATION & SCAMS** | \*Verify the information from multiple trusted sources especially before sharing news or making financial decisions online. | \*launching programs that teach digital literacy to help people identify credible sources and spot any fake news or scams. |