




Problem Statements
for
Digital Twin

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- A faint, light gray background illustration of a computer monitor. The screen of the monitor displays a network diagram consisting of several interconnected nodes and lines, resembling a hexagonal or honeycomb-like structure. The monitor has a simple stand and a base.
1. City Infrastructure Planning: Design a digital twin of a city's infrastructure (roads, utilities, public transport) that helps planners test and implement urban development projects.
 2. Personalized Health Digital Twin: Build a digital twin that models an individual's health data, helping to predict future health issues and tailor preventative care strategies.
 3. Digital Twin for Water Management: Develop a digital twin of a water distribution network that helps manage water resources efficiently, reducing waste and improving access.
 4. Digital Twin for Disaster Preparedness: Develop a digital twin of a region prone to natural disasters that helps in planning and optimising disaster response strategies, reducing damage and saving lives.