

## Digital twin is virtual model of a real thing



**Mr. Shete Shravan Pravin**  
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The urge for continuous advancements in the logistic industry has opened new doors for disruption. One of the major breakthrough technologies that are making a big change in logistics is digital twin.

Digital twin is a virtual model of a real thing. It stimulates both the physical state and behaviour of the thing. A digital twin stands as a bridge between physical assets and digital model by using sensors to gather real-time data from vehicles, aircrafts engine, buildings, etc. According to a report, the global twin market is valued at US\$ 3.1 billion in 2020 and is anticipated to grow to US\$ 48.2 billion by 2026 with a CAGR of 58% during the some think period. For many year.



The digital twin concept has been around since the beginning of the 21st century. The technology is now slowly making its way into logistics. Applying digital twin in logistics will help bring deeper insights into the planning, designing, operations and optimization of the supply chain network individually or globally.