

Digital Twin Framework: Deploying Digital Twins on the Cloud

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Digital Twins

A living digital representation of a physical system that is dynamically updated to mimic the structure, state, and behavior of the physical system to drive business outcomes



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BUSINESS **OUTCOMES**



Digital Twin Levels

https://aws.amazon.com/blogs/iot/digital-twins-on-aws-unlocking-business-value-and-outcomes/



DT Levels framework adapted from: Verdantix, Five Digital Twin Strategies For Industrial Facilities, 2019.







Digital Twin Framework

https://aws.amazon.com/solutions/guidance/digital-twin-framework-on-aws/

A unified architecture which spans data collection & contextualization, spatial data lakes, & predictive modeling for digital twin applications





