The DOS+DON'TS of

Real-Time Application Development

THE DO's



Design Event-Driven Systems

Deploy an Event-Driven Architecture

so processes operate independently no matter when or how often data arrives, enabling highly scalable loosely coupled applications.







deployment capabilities to easily modify applications on the fly.

low code tools and continuous

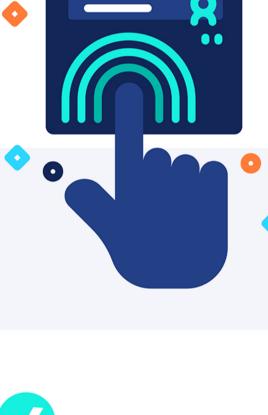


Define a set of intelligent applications

deploy them one at a time based on near-term business priorities.

as a digital nervous system, then



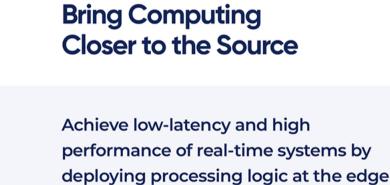


Automatically trigger business actions Design real-time systems to

analyze situations and take

bringing in humans to make critical decisions when necessary.

immediate action whenever possible,

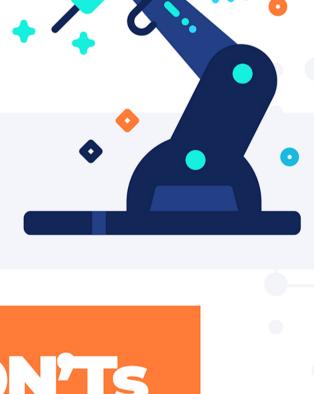


THE DON'TS

Default to Big Data Thinking

Instead, analyze and react to streaming data in-flight long before storing it in a

as close to the source as possible.



ON'T:









Instead, use one integrated IDE to

reduce complexity and training, thereby dramatically shortening

time to value.



Display and Call It a Day Instead, go beyond data visualization and embed automated, real-time intelligence to reflexively act on critical information as it arrives.

DON'T:

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new technologies become available.



