How to Fail with Real-time Analytics

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About Me

- PhD in mathematics
- Co-founder of Ternary Data
- Coauthor: Fundamentals of Data Engineering
How to Fail with Real-time Analytics
Boil the Ocean
"Self-Operating Napkin"
Build Rube Goldberg Machines
Batch Model Load

BigQuery → PostgreSQL
Rube Goldberg Model Load

BigQuery → Database → PULSAR → PostgreSQL
Don’t Budget for Complexity
Place server rack here
Ignore Business Value
Don’t Use Real-time Native Capabilities
A Real-time Native Framework
Don’t Set Appropriate Service Level Objectives
How to Fail with Real-time Analytics

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- Ignore Business Value
- Don’t Use Real-time Native Capabilities
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QUESTIONS?

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