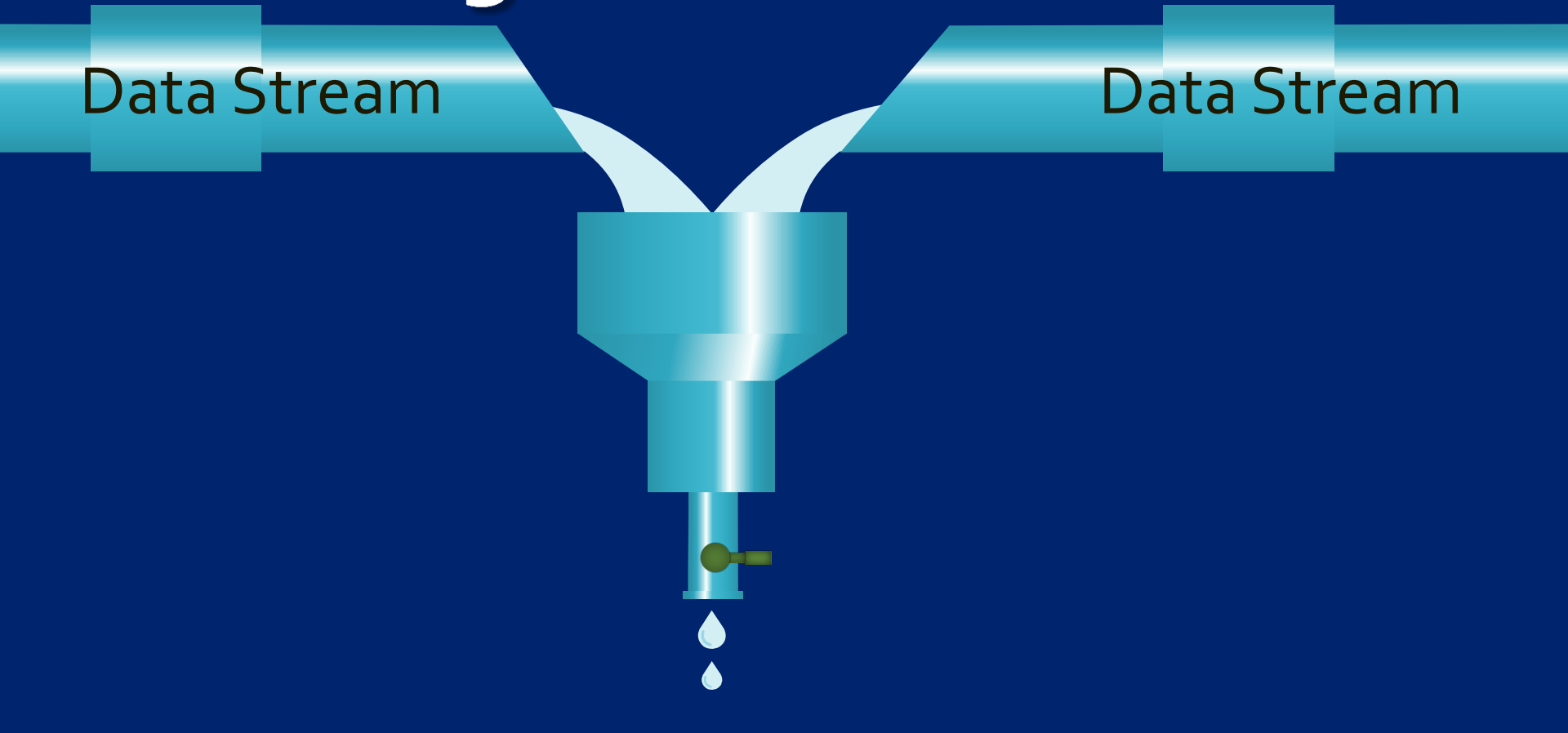
What is a Data Stream?

After this video you will be able to..

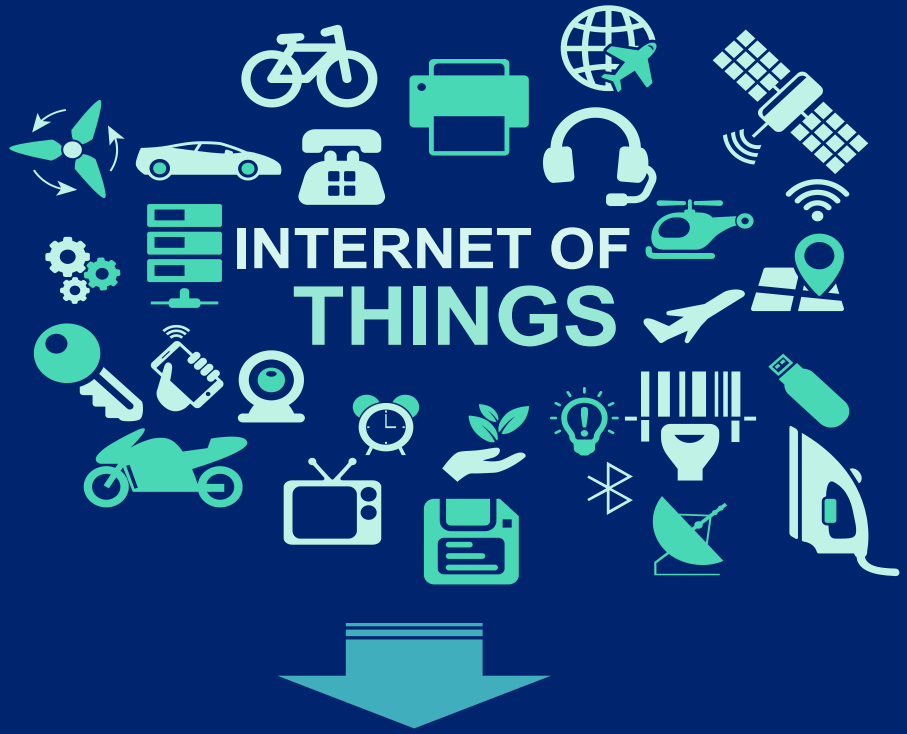
- Summarize the key characteristics of a data stream
- Identify the requirements of streaming data systems
- Recognize the data streams you use in your life

Streaming Data



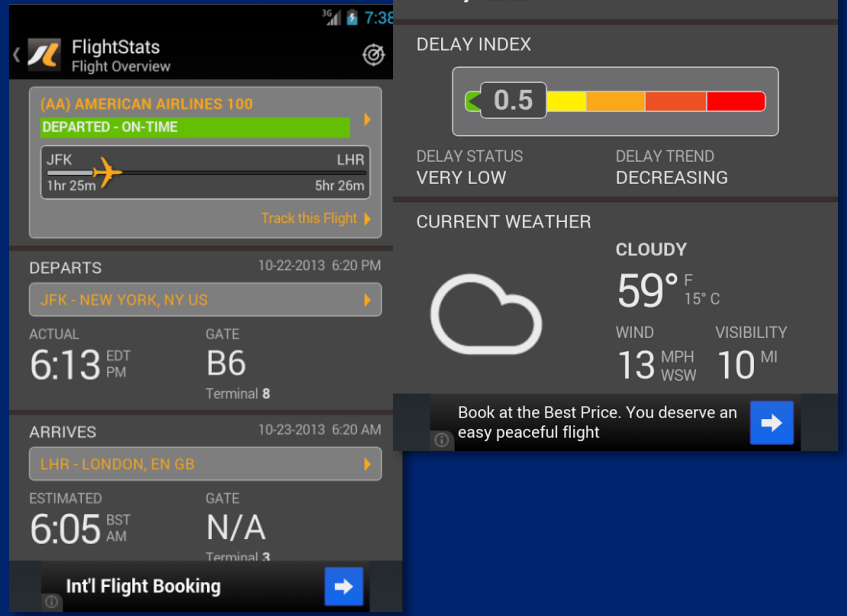
Social Media

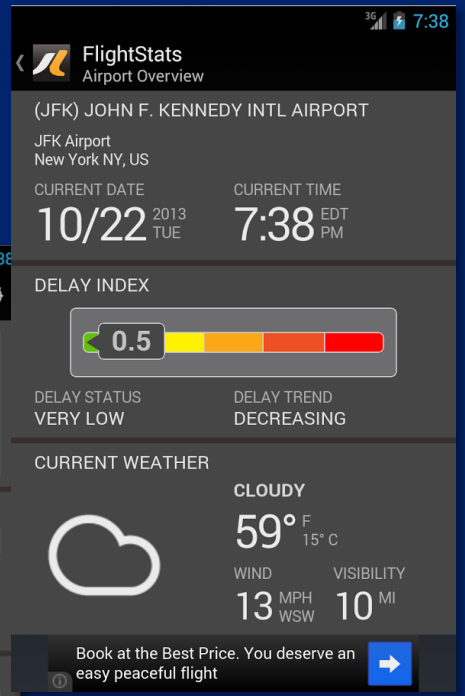
Data-Driven Marketing



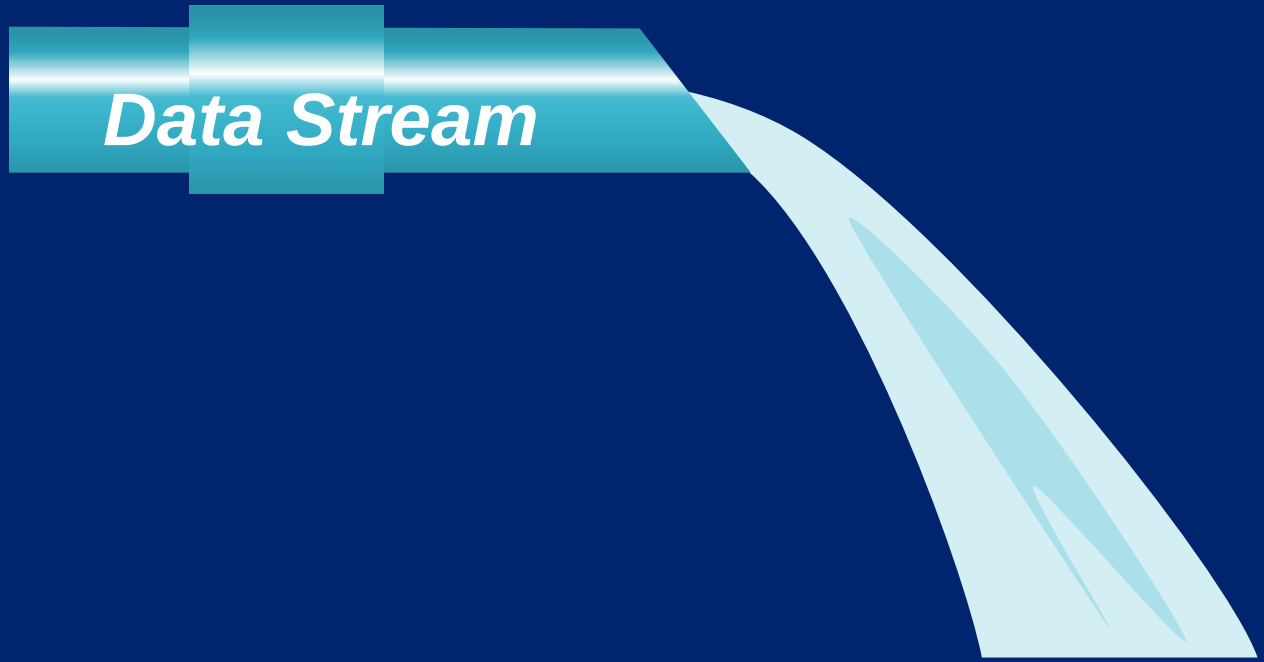
Monitoring and Fault Detection

~60M Flight Events Weekly!





What is a Data Stream?



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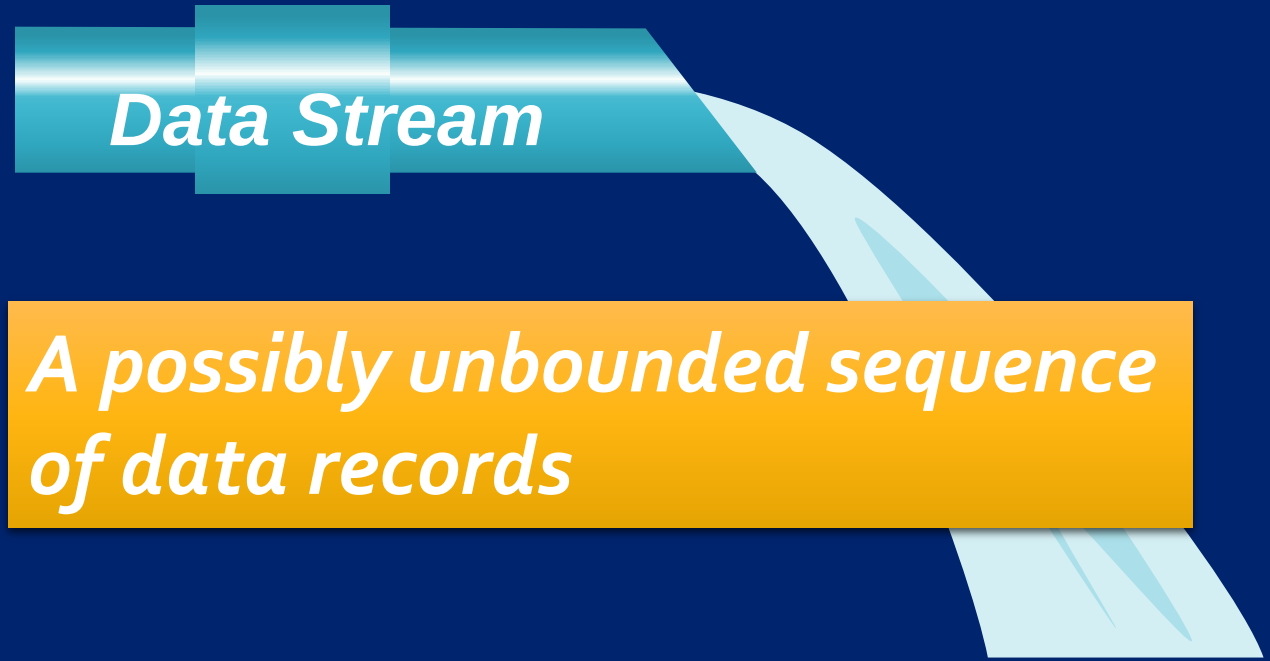
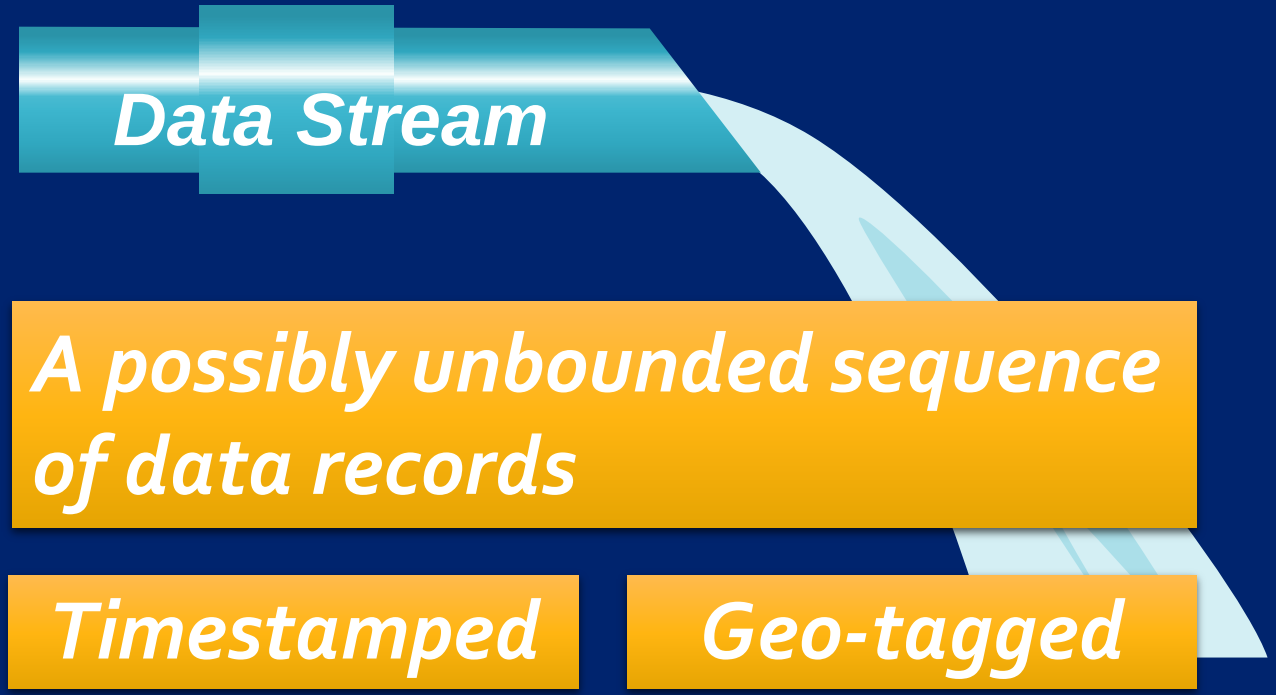


A possibly unbounded sequence of data records

What is a Data Stream?

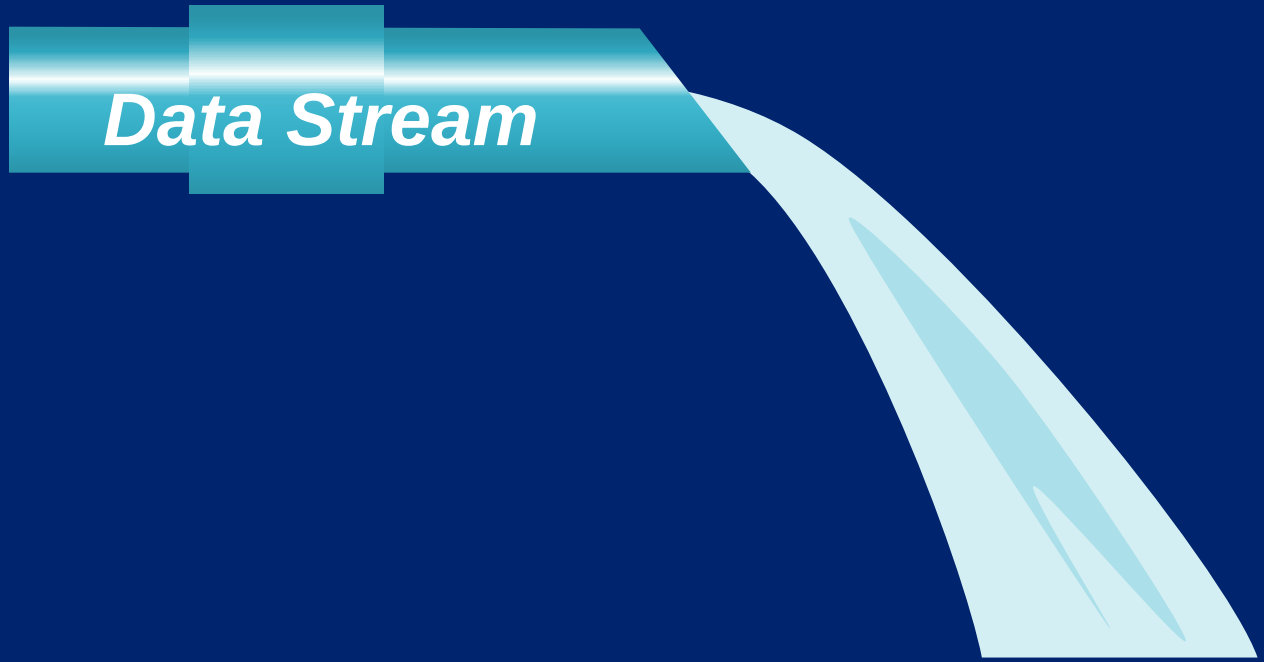


A possibly unbounded sequence of data records

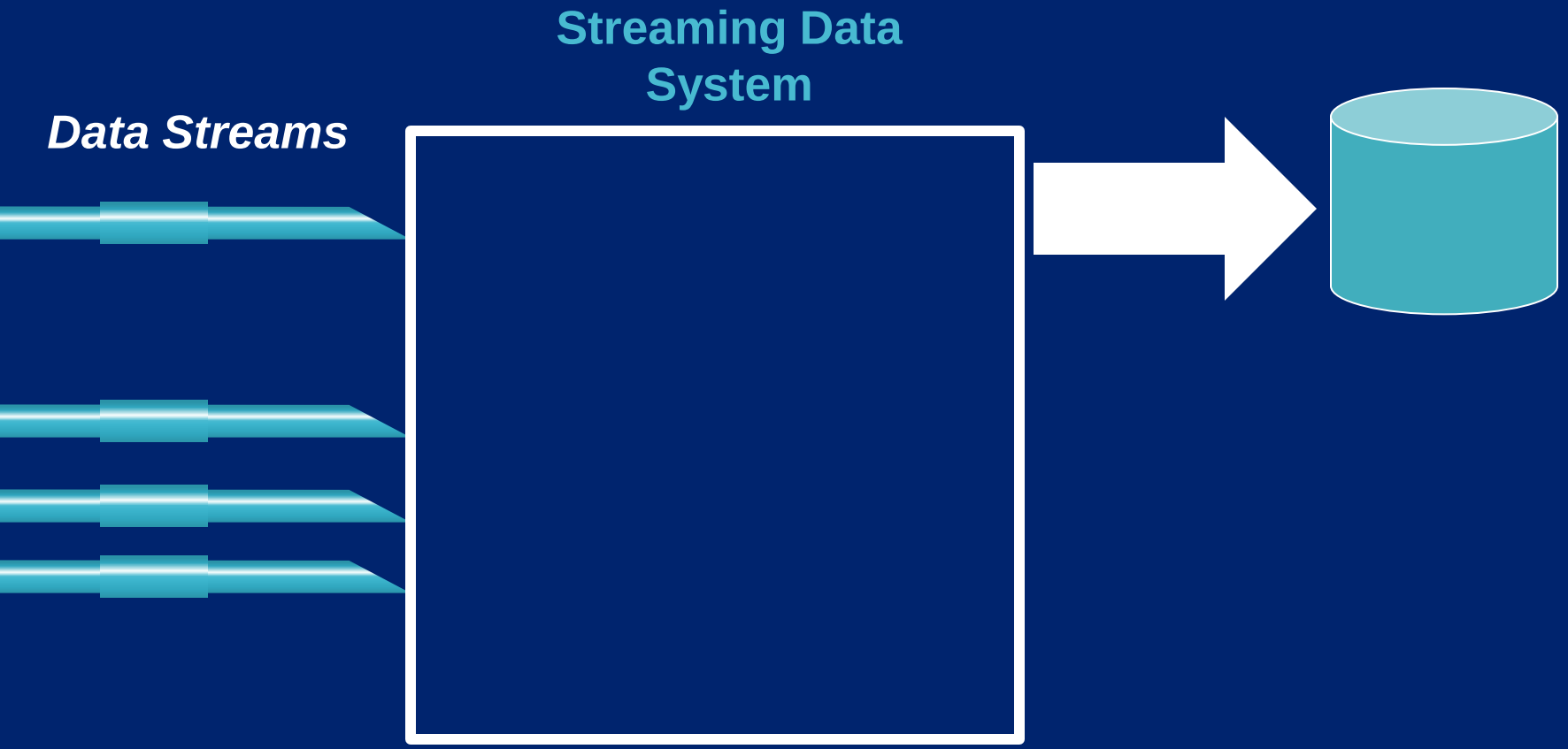
Timestamped

Geo-tagged

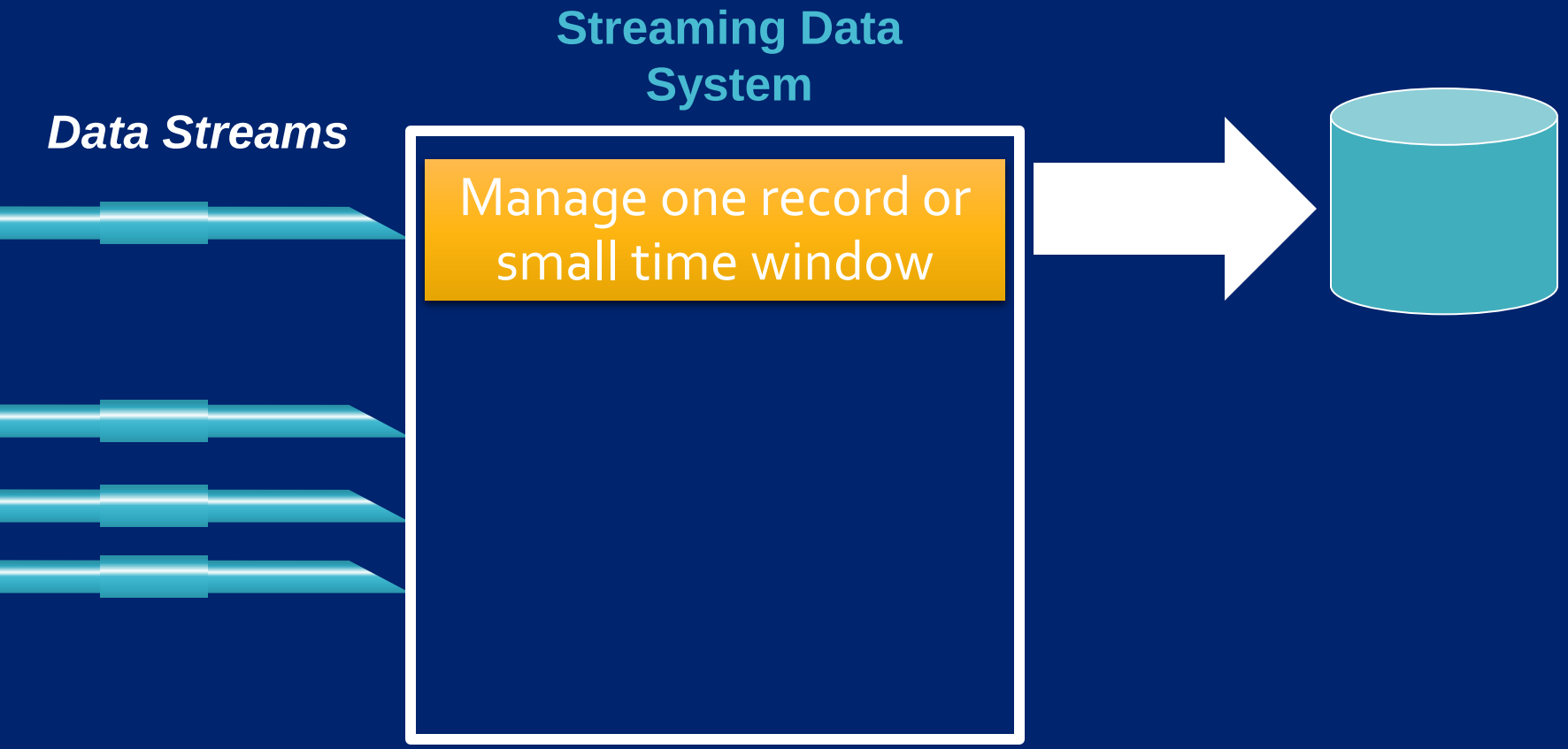
Synchronized sequence of events



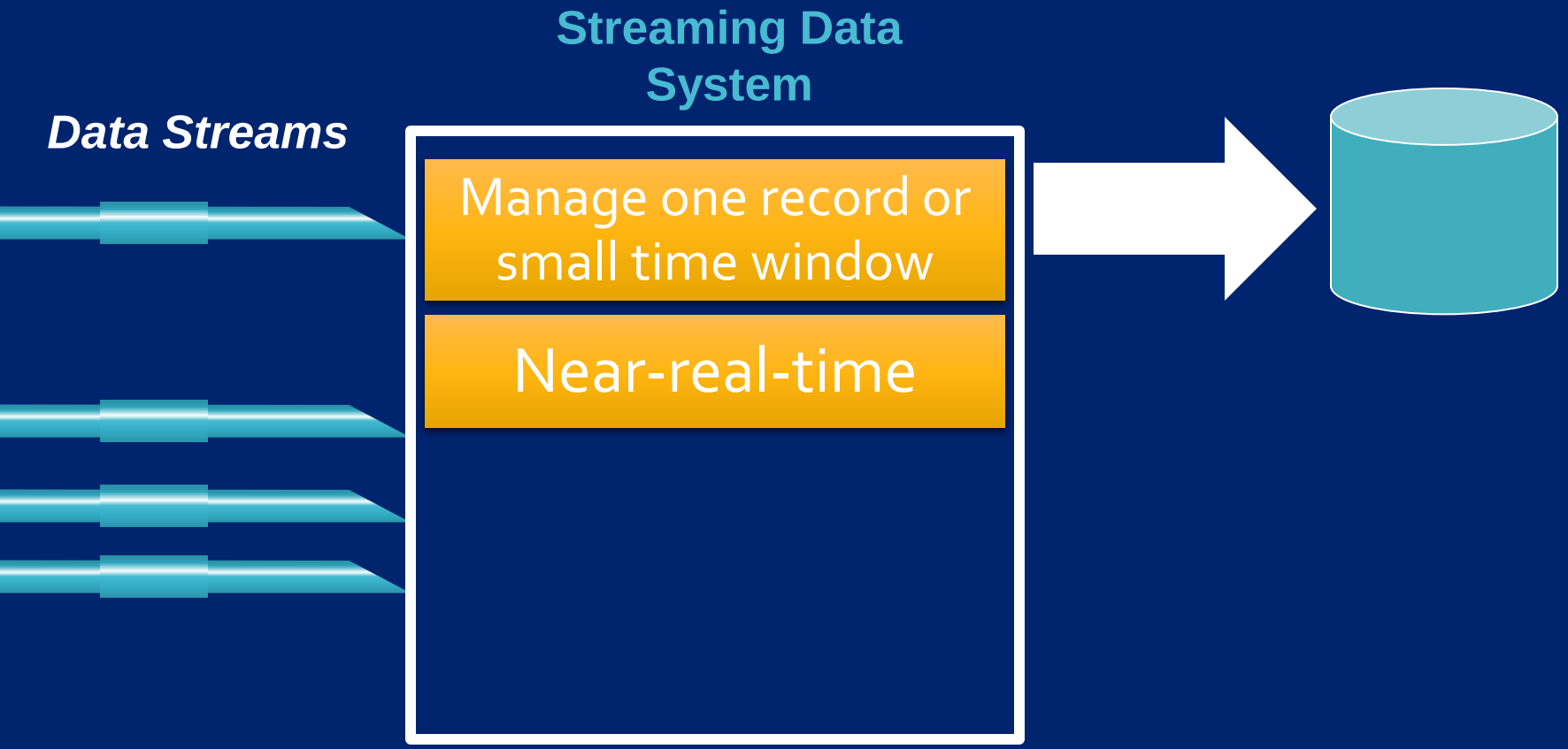
Streaming Data Systems



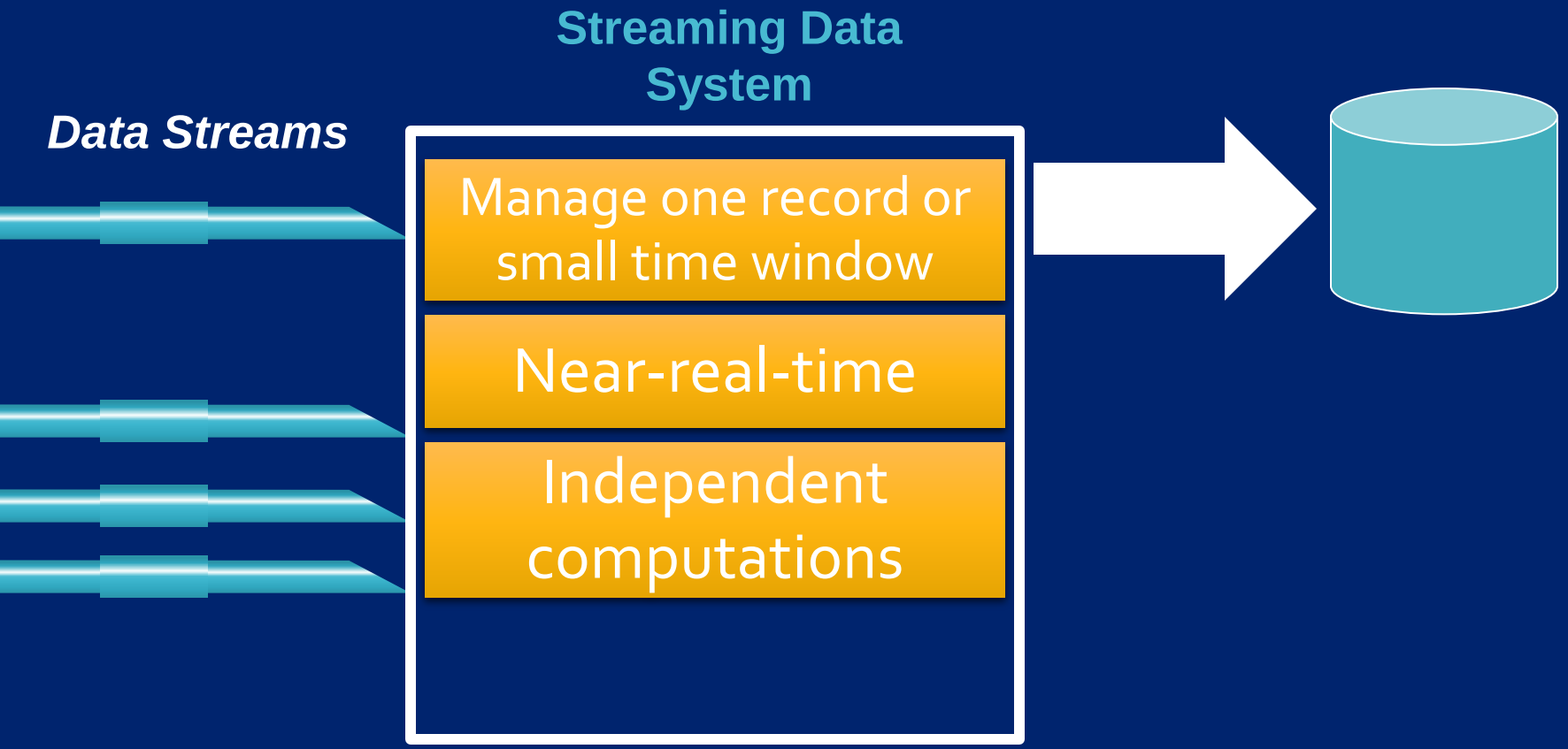
Streaming Data Systems



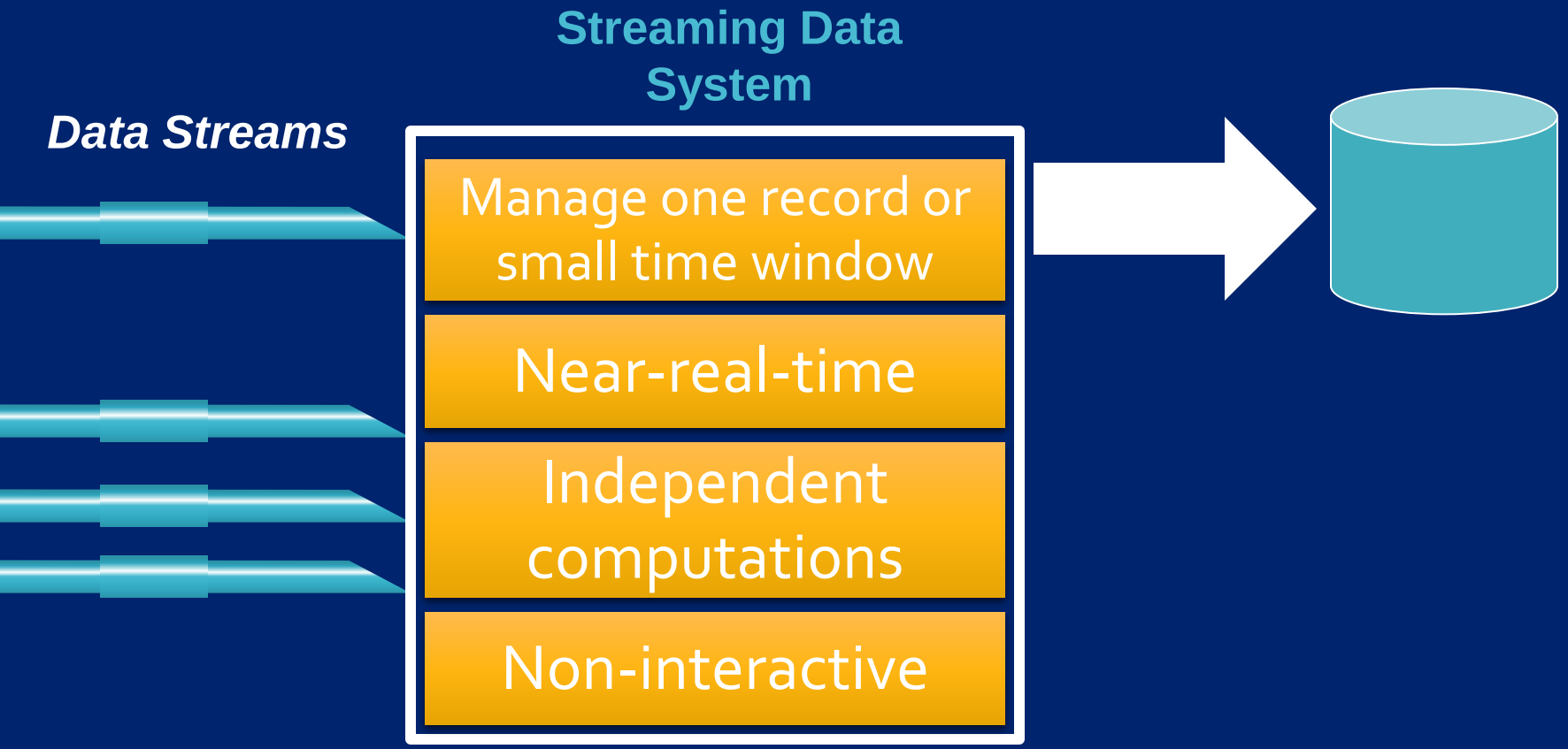
Streaming Data Systems



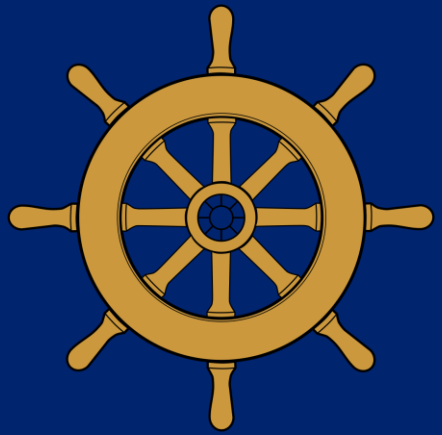
Streaming Data Systems



Streaming Data Systems



Dynamic Steering



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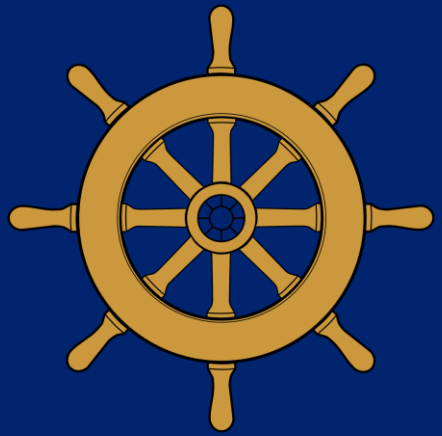
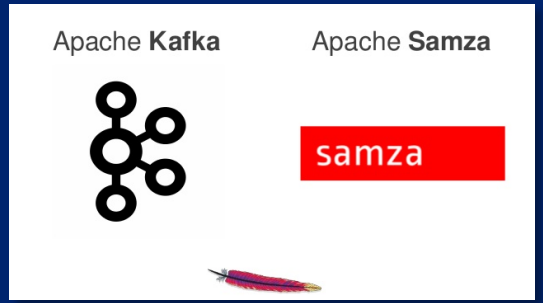
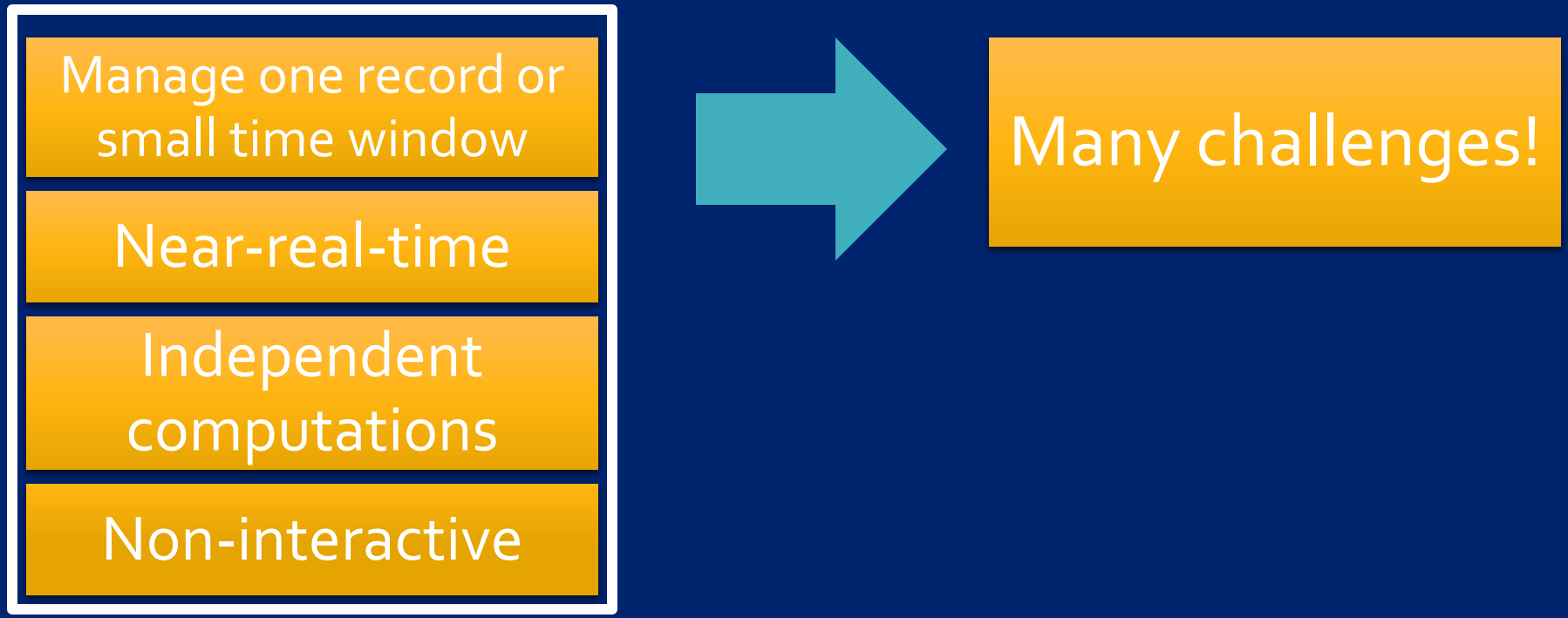


Some Streaming Data Systems



Streaming Data Systems