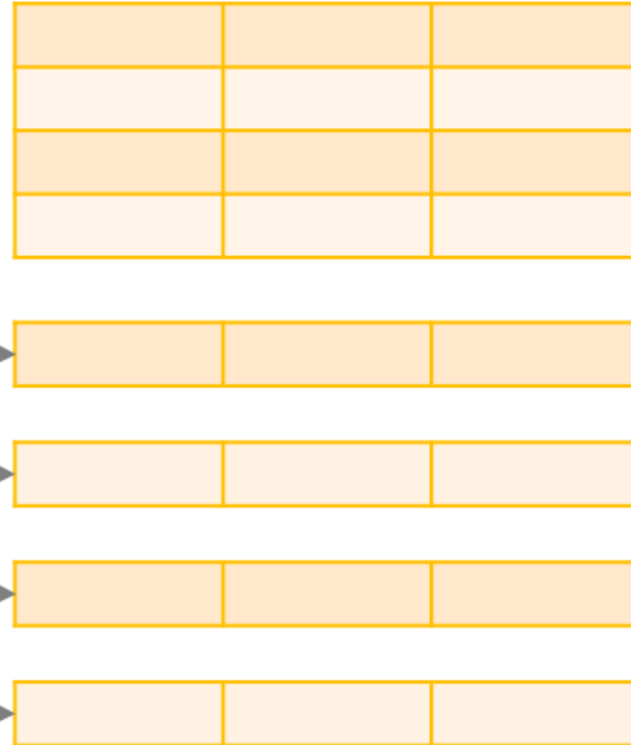


Introduction to *Structured* Streaming

Data stream



Unbounded Table



new data in the
data stream

=

new rows appended
to a unbounded table

Data stream as an unbounded table

Advantages of Structured Streaming

- Streaming code looks a lot like the equivalent of non-streaming code.
- Structured data allows spark to represent data more efficiently.
- SQL-style queries allow for query optimization opportunities and even better performance.
- More compatibility with other spark components like MLlib