

# Transformations on DStreams



Streaming Context

Transformations



Analytics  
Vidhya

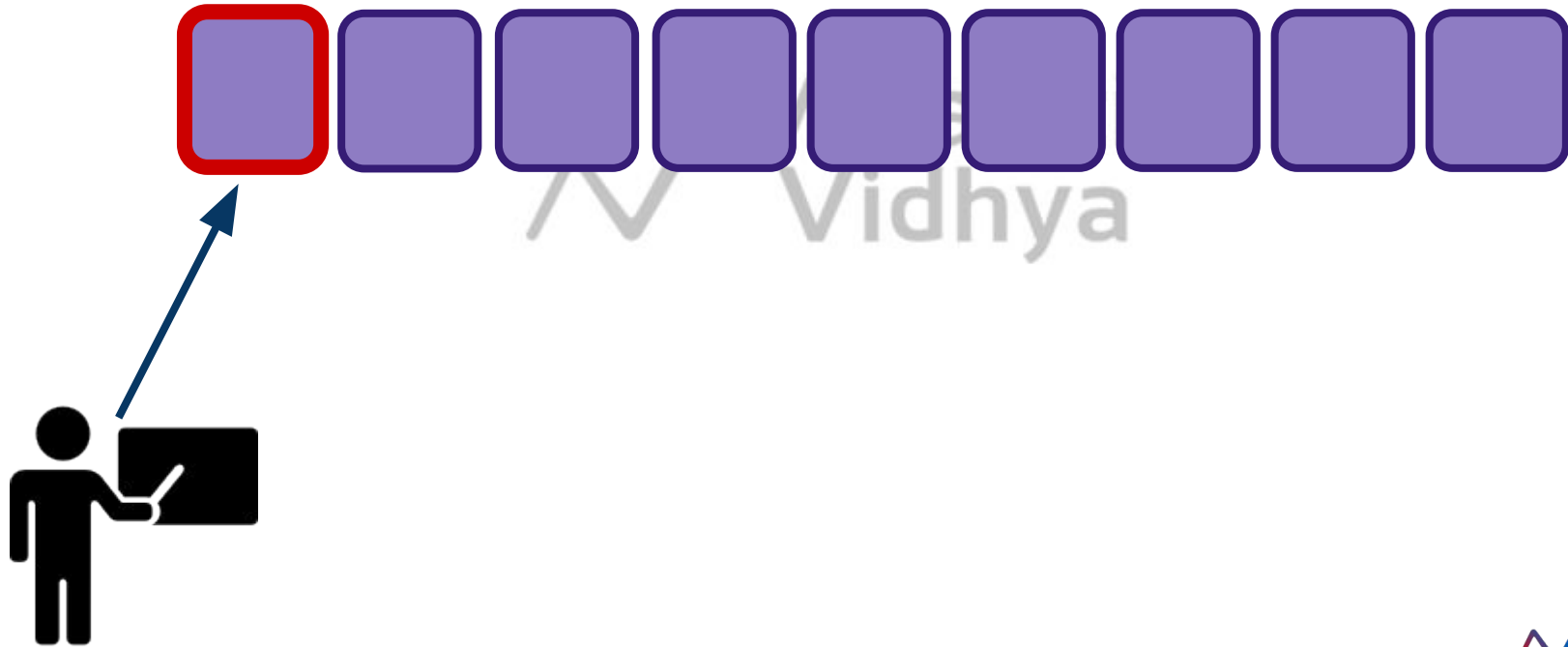
Streaming Context

Transformations

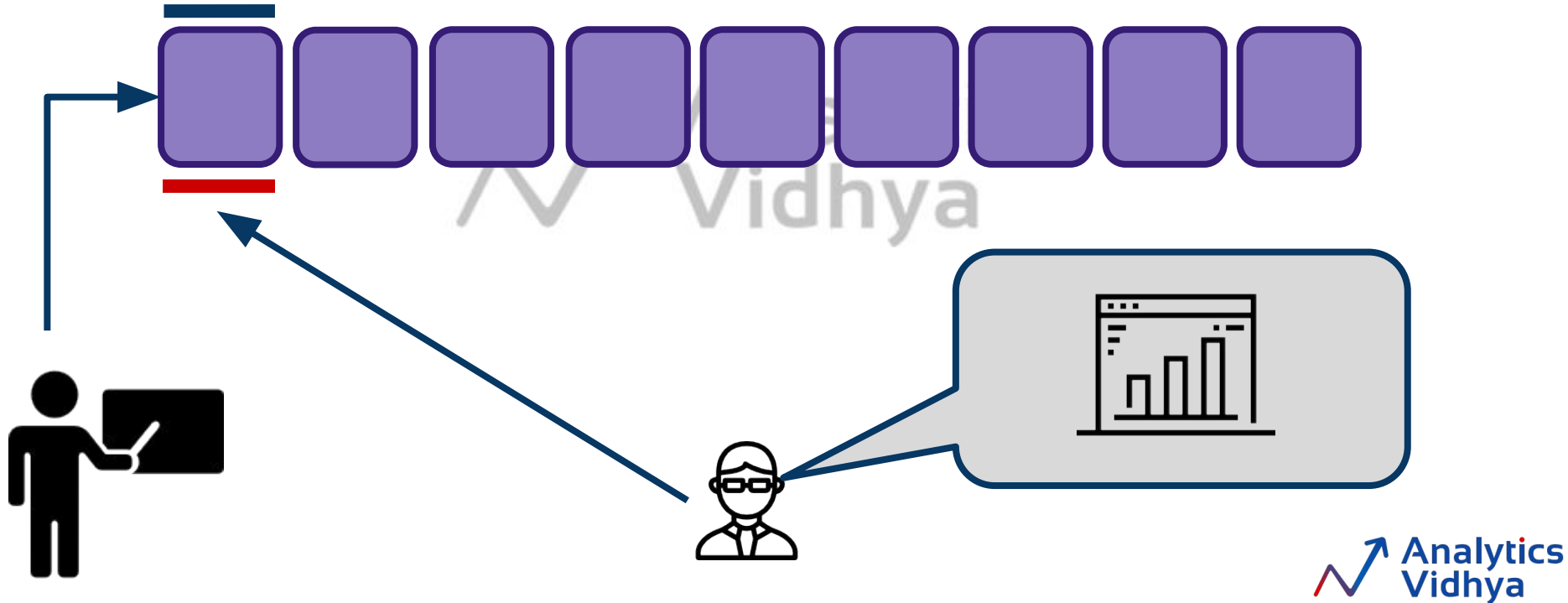
Stateless

Analytics  
Vidhya

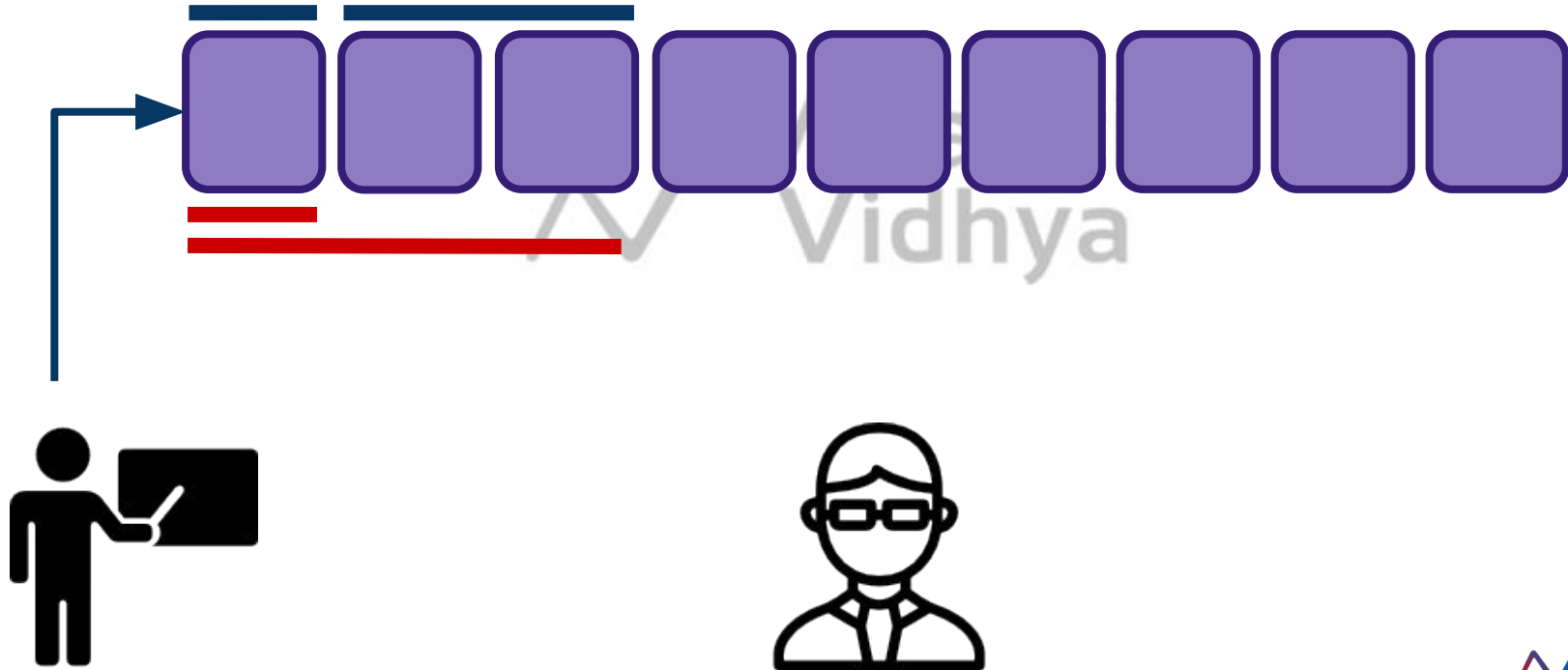
# Stateless Transformation - Example



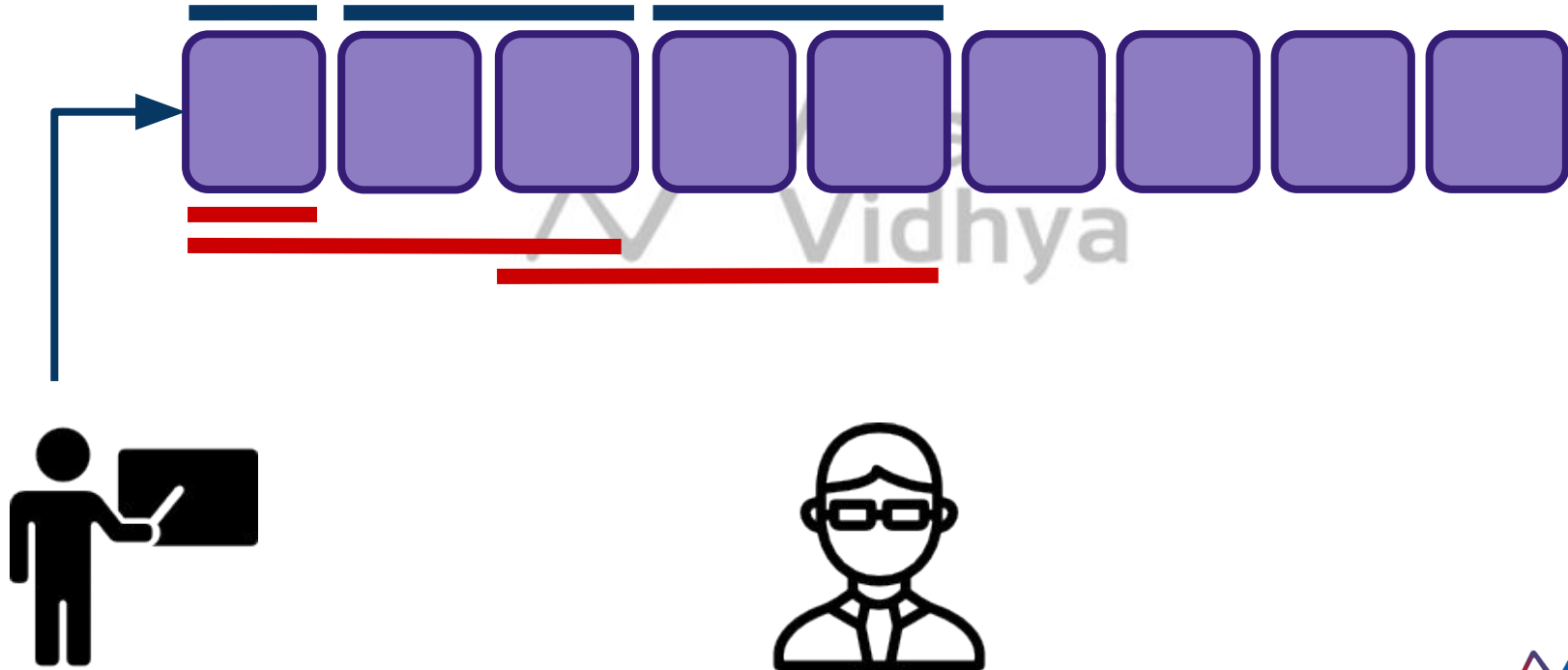
# Stateless Transformations - Example



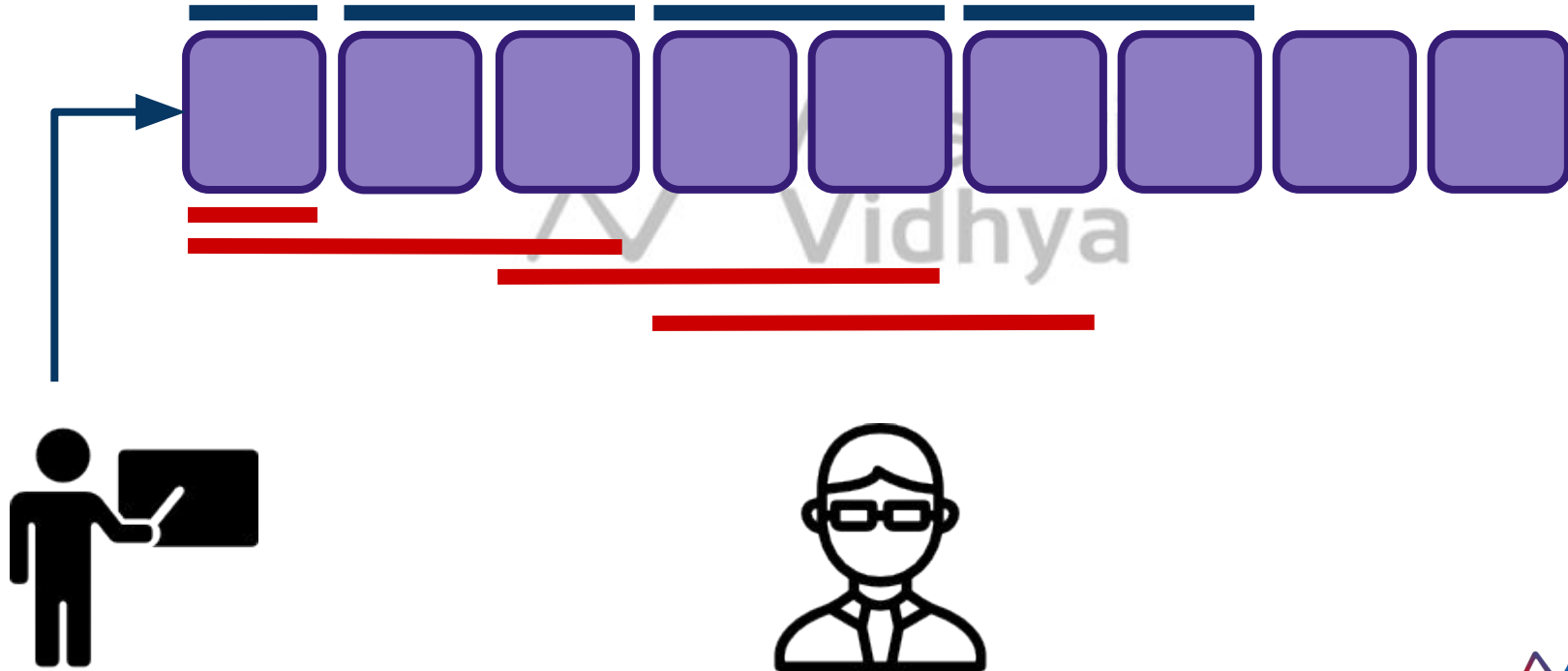
# Stateless Transformations - Example



# Stateless Transformations - Example

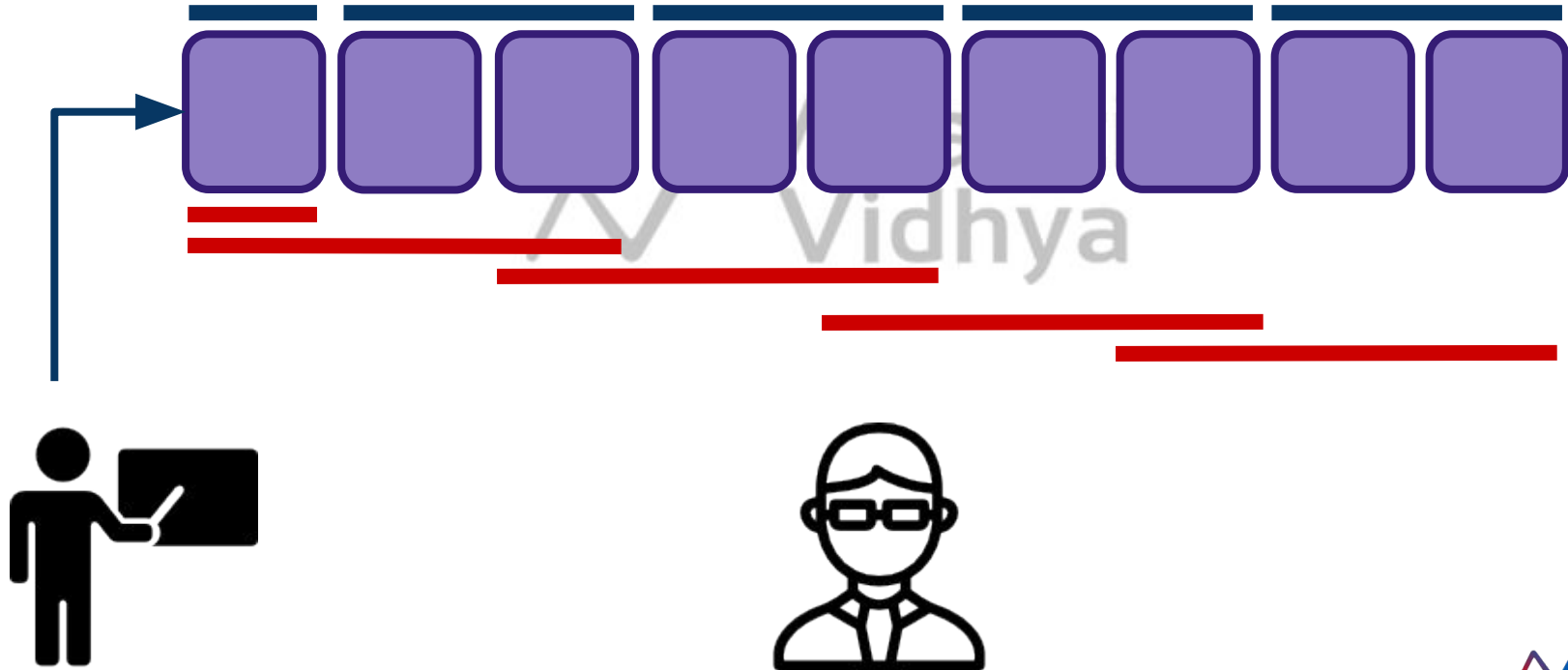


# Stateless Transformations - Example





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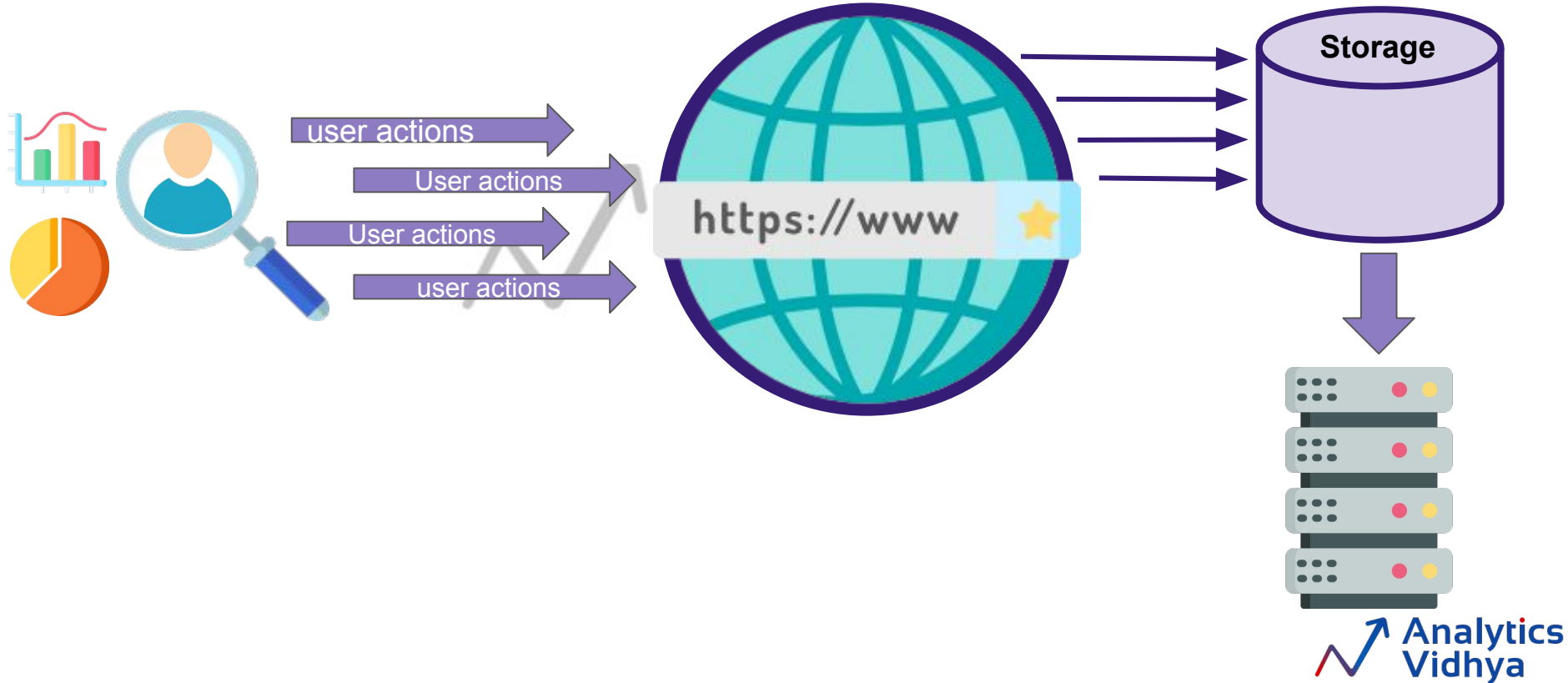
Streaming Context

Transformations

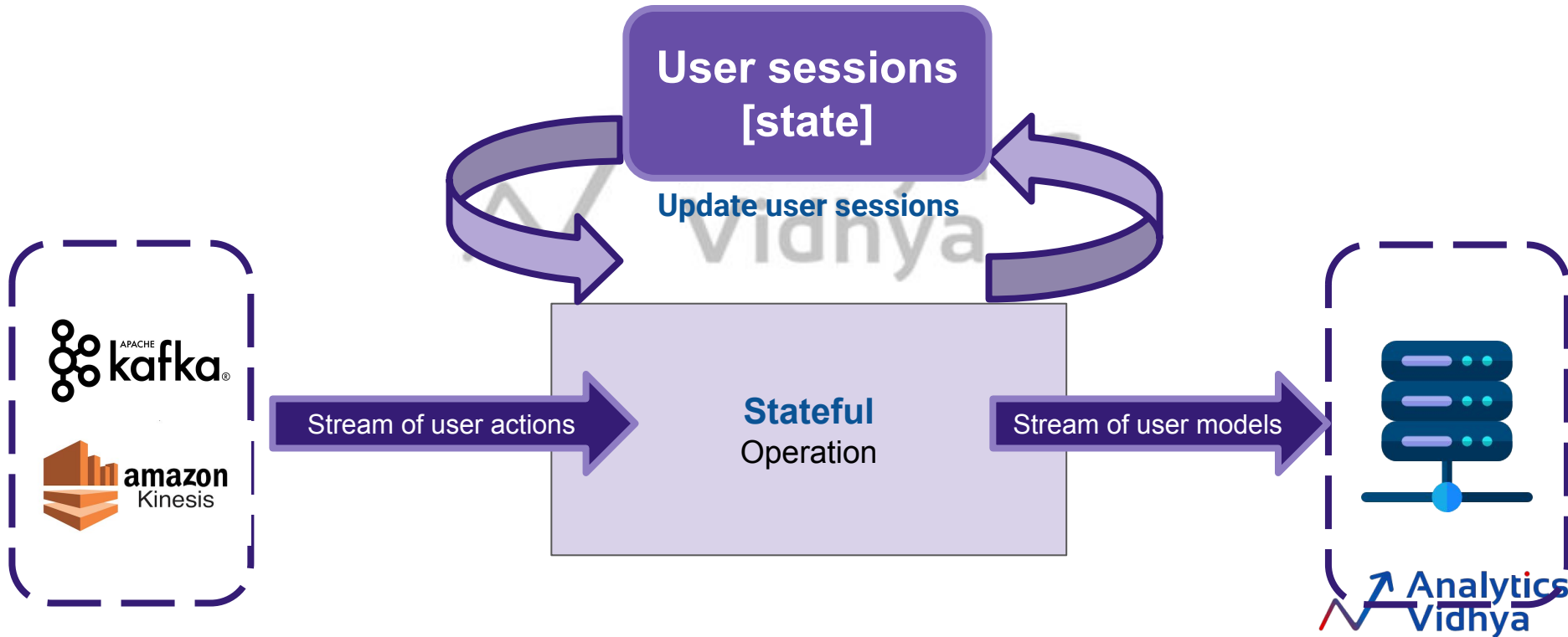
Stateless

Stateful

# Full Session Tracking



# Full Session Tracking - Example



Streaming Context

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graph TD; SC[Streaming Context] --> T[Transformations]; SC --> O[Output Operations]; T --> S[Stateless]; T --> ST[Stateful]; O --> W[Write to External Systems]
```

Transformations

Output Operations

Stateless

Stateful

Write to External  
Systems

 Thank You  
Analytics  
Vidhya