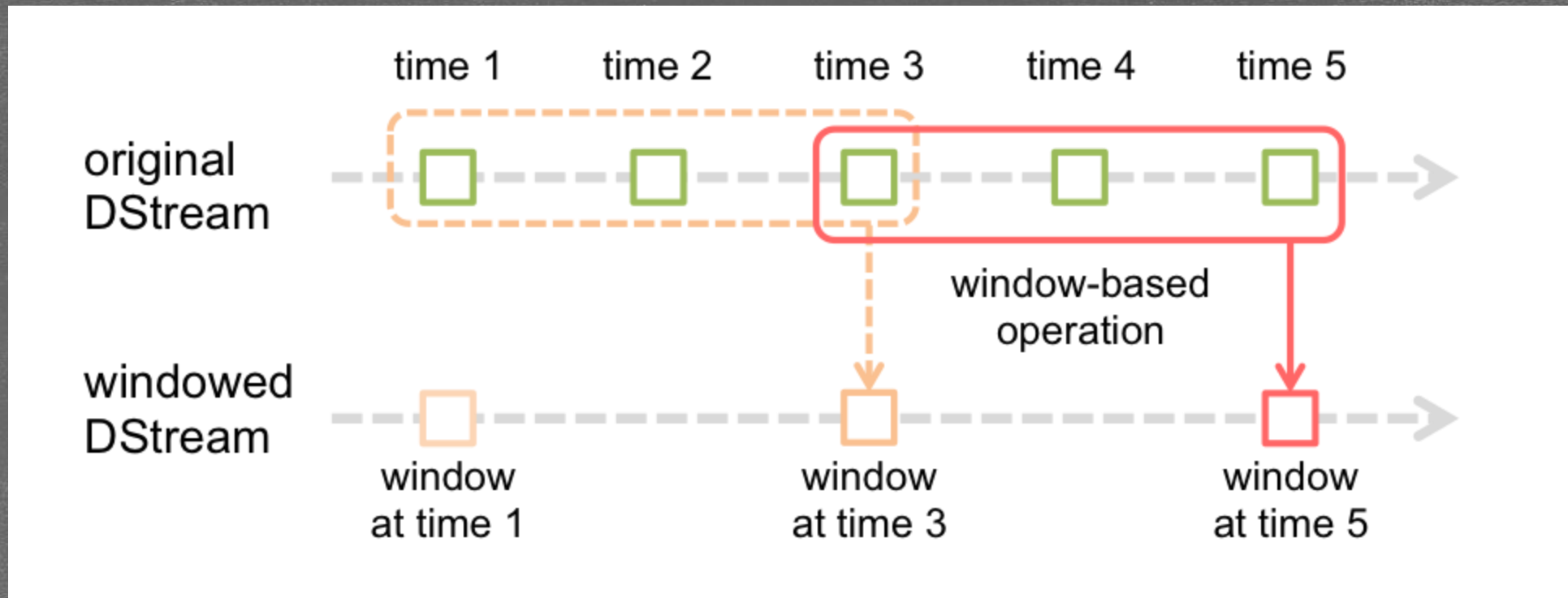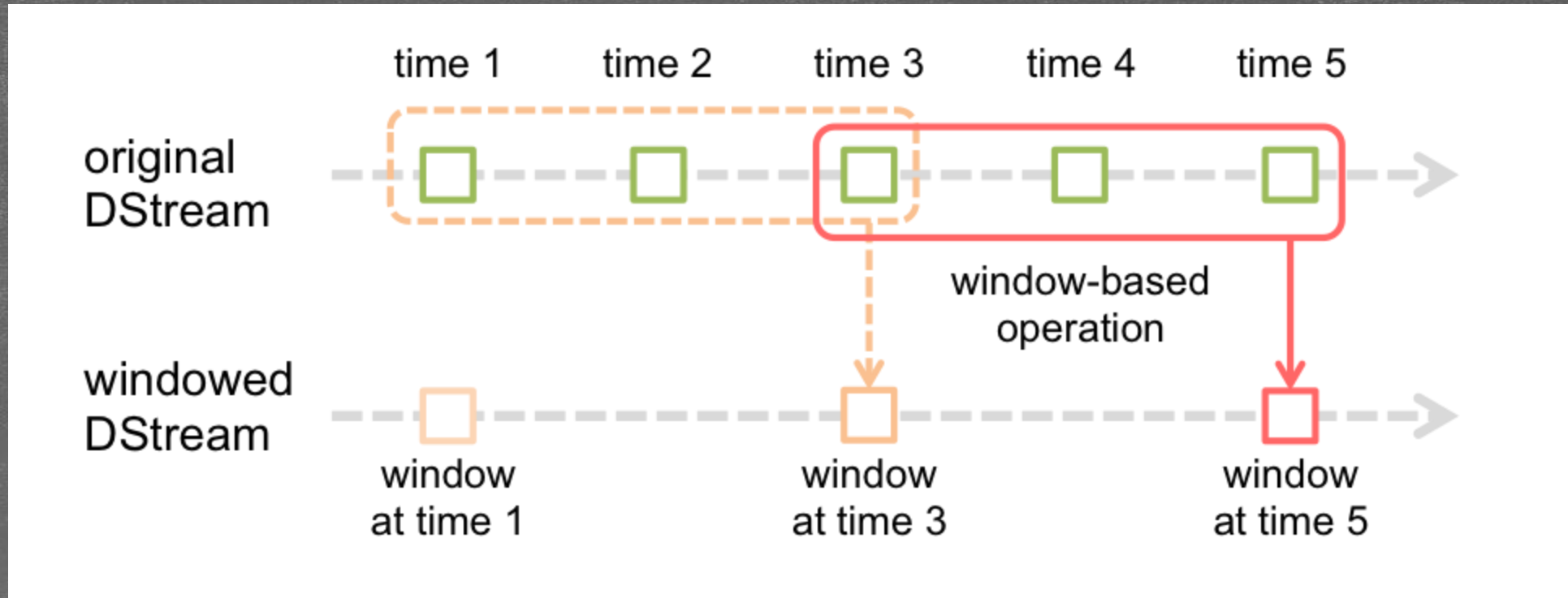# Window Operations

Windowed Computations Overview

- Spark Streaming provides *windowed computations*, which allow you to apply transformations over a sliding window of data.

Parameters

- Two Parameters:
  - *window length* - The duration of the window (3 in the figure).
  - *sliding interval* - The interval at which the window operation is performed (2 in the figure).

4 Most popular Window Operations

- window
- countByWindow
- reduceByKeyAndWindow
- countByValueAndWindow