Windowed Operations



Windowed Operations

- Windowed Operations allow you to apply transformations over a sliding window of the data.
- Sliding window is the time interval between each transformation

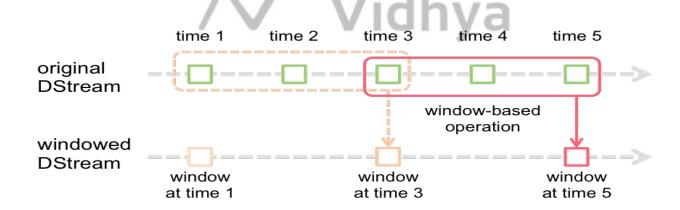




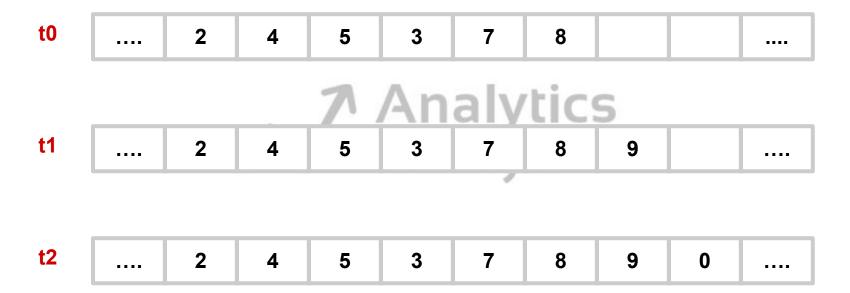
Windowed Operations

Parameters of any Window Operation-

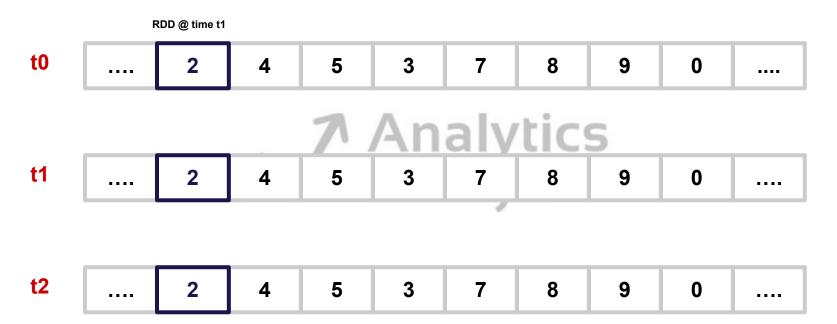
- window length
 - The duration of the window in secs.
- sliding interval
 - The interval at which the window operation is performed in secs



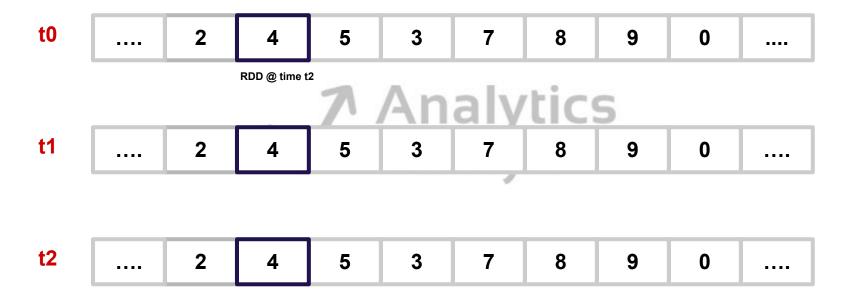




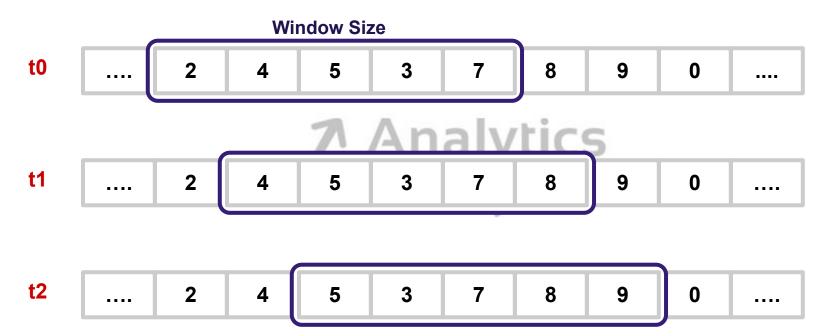




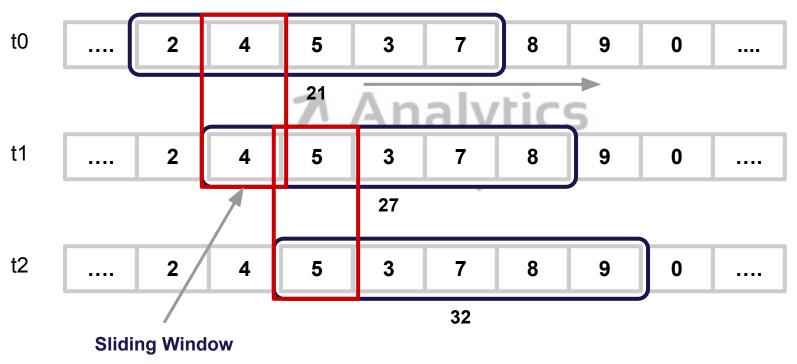














Popular Windowed Operations

- Some of the common window operations are as follows:
 - Window
 - countByWindow
 - reduceByWindow
 - o reduceByKeyAndWindow
 - countByValueAndWindow
- All of these operations take the said two parameters windowLength and slideInterval



Thank Youtics Vidhya

