

Processing Multiple Values in a Sequence

Isn't that a gaggle?



Overview

- ➡ Scan
- ➡ Buffer and Window

observable sequence

4 6 2 8 8 3 5 7 0 3

4 6 2

8 8 3

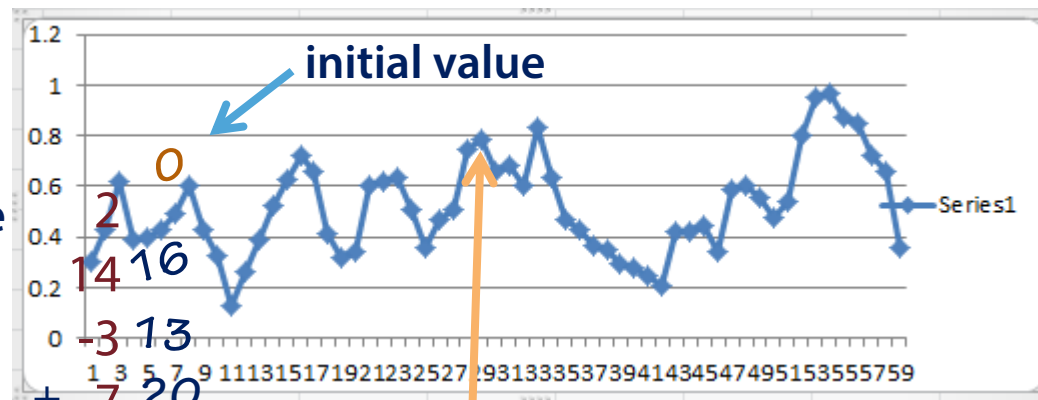
7 0 3

observable sequences

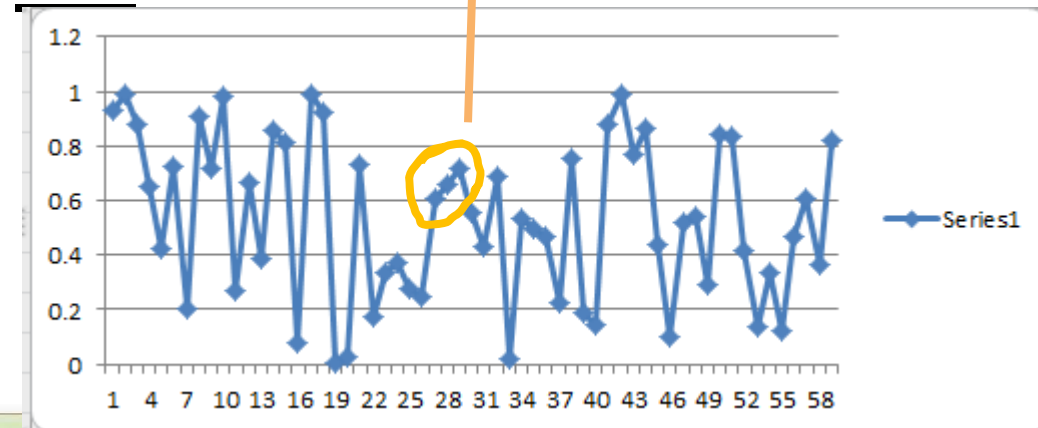
Scan

- ➡ Observable sequence of running results
- ➡ Delegate computes running result

moving average



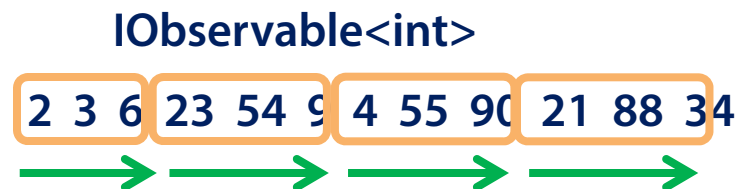
input



Buffers and Windows

➔ Partitions sequence by size or time

- IList IObservable



IObservable<IList<int>>

2 3 6

23 54 9

4 55 90

21 88 34

Summary



Scan

- Sliding windows



Buffer and Window

- groups of values
- by count or time