Recap:

Spark 1.x → Spark streaming → Dstreams -RDD

Spark.2.x → spark structured streaming -> Dataframes

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Dataframereader

Dataframewriter

Streaming Mode : Append , update , complete

1st entry a a a b b

2nd a a c

3rd b b c d

Complete

1st a,3 b,2

2nd a,5 b,2 c, 1

3rd a,5 b, 4 c,2 d, 1

Append

1st a,3 b, 2

2nd a,2 c ,1

3rd b,2 c,1 d,1

Update

1st a3 , b2

2nd a,5 c, 1

3rd b,4 ,c,2 d,1