updateStateByKey()

# updateStateByKey

## updateStateByKey*(updateFunc, numPartitions=None, initialRDD=None)*

Return a new "state" DStream where the state for each key is updated by applying the given function on the previous state of the key and the new values of the key

### Parameters:

**Update function:** Specify with a function how to update the state using the previous state and the new values from an input stream

Thankyou

# updateStateByKey

1. Define the state - The state can be an arbitrary data type.
2. Define the state update function
3. updateStateByKey requires the checkpoint directory to be configured

## mapWithState

MapWithState is another stateful transformation. The Python API for Spark lacks the mapWithState function, unlike Java and Scala. As such we will be focusing on updateStateByKey