Use Case for Kafka Stream:

1. Infinite Stream of data keeps coming. Keep process it.
   1. Ex: Get Last 1 hour Share Data.
   2. Ex: Get the last 5 hour tweet of X person.

Just like Java 8 Streams API, Kafka gives API to map, join, filter etc… for the processing stream of records from KTable.



One of the main advantages is that if you’re already using Apache Kafka and you need real-time processing, you just need to use the library and you are good to go.

One of the key concepts in Kafka Streams is the support of **KStream** and **KTable**.

That isn’t a new concept if you come from the [**Event Sourcing**](http://www.serrate.net/2015/02/17/speaking-at-dotnetspain-conference/) world:

KStream is the append-only event store where its state is given by replaying the events from the beginning of time until the last event whereas

KTable is the snapshot or projection of the current state of the stream given a point in time.



<http://serrate.net/2016/03/15/preview-of-kafka-streams/>