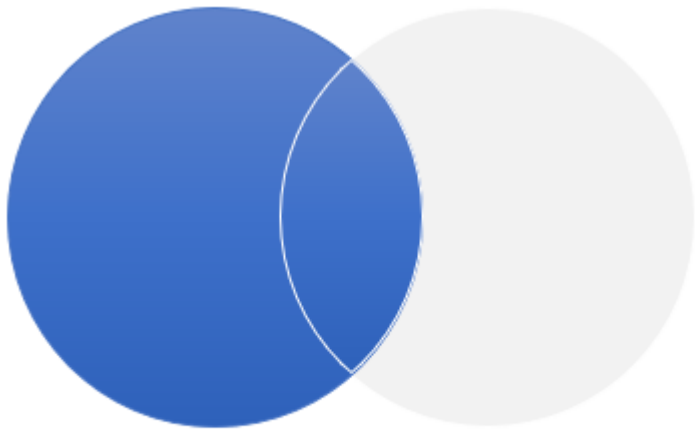




Streaming Joins

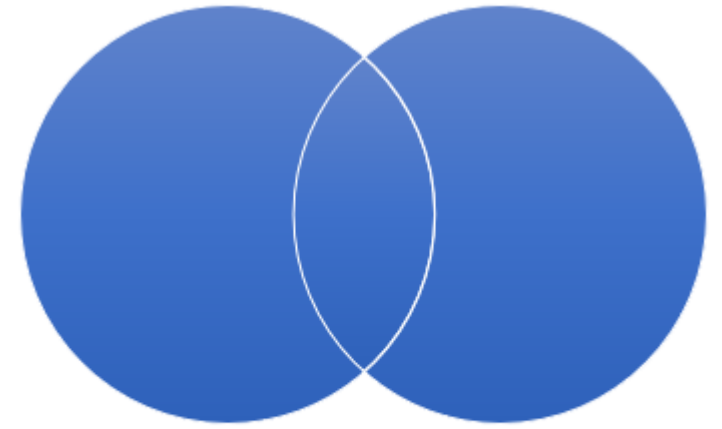
Streaming Joins



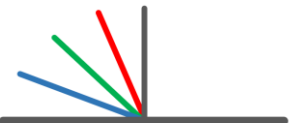
Left Join



Inner Join

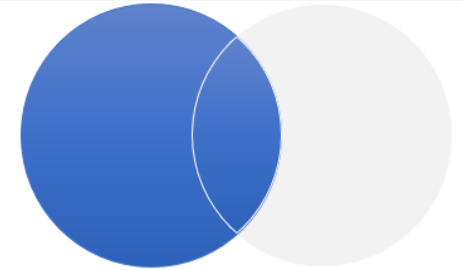


Outer Join



Streaming Joins

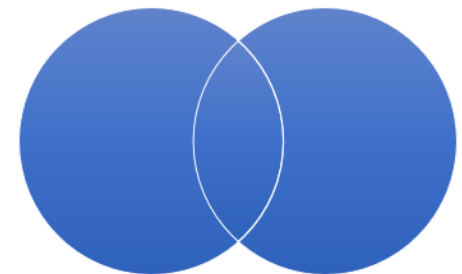
1. KStream
2. KTable and GlobalKTable



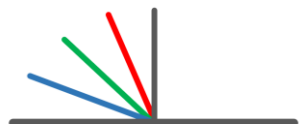
Left Join



Inner Join



Outer Join



Streaming Joins

Join Operation	Result	Join Types	Feature
KStream – KStream	KStream	Inner, Left, Outer, Swapping for Right	Windowed, Key-based
KTable – KTable	KTable	Inner, Left, Outer, Swapping for Right	Non-Window, Key-based
KStream – KTable	KStream	Inner, Left, Outer	Non-Window, Key-based
KStream – GlobalKTable	KStream	Inner, Left	Non-Window, Key-based or Non-Key Based

1. Join are based on the message key
2. Both the topics in a join must be co-partitioned