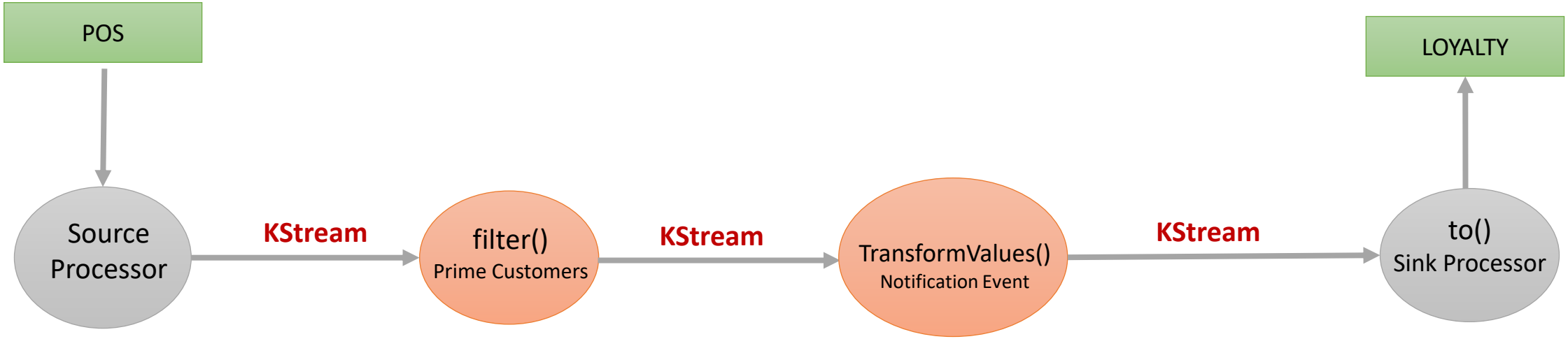
KTable Introduction

Working with KStream



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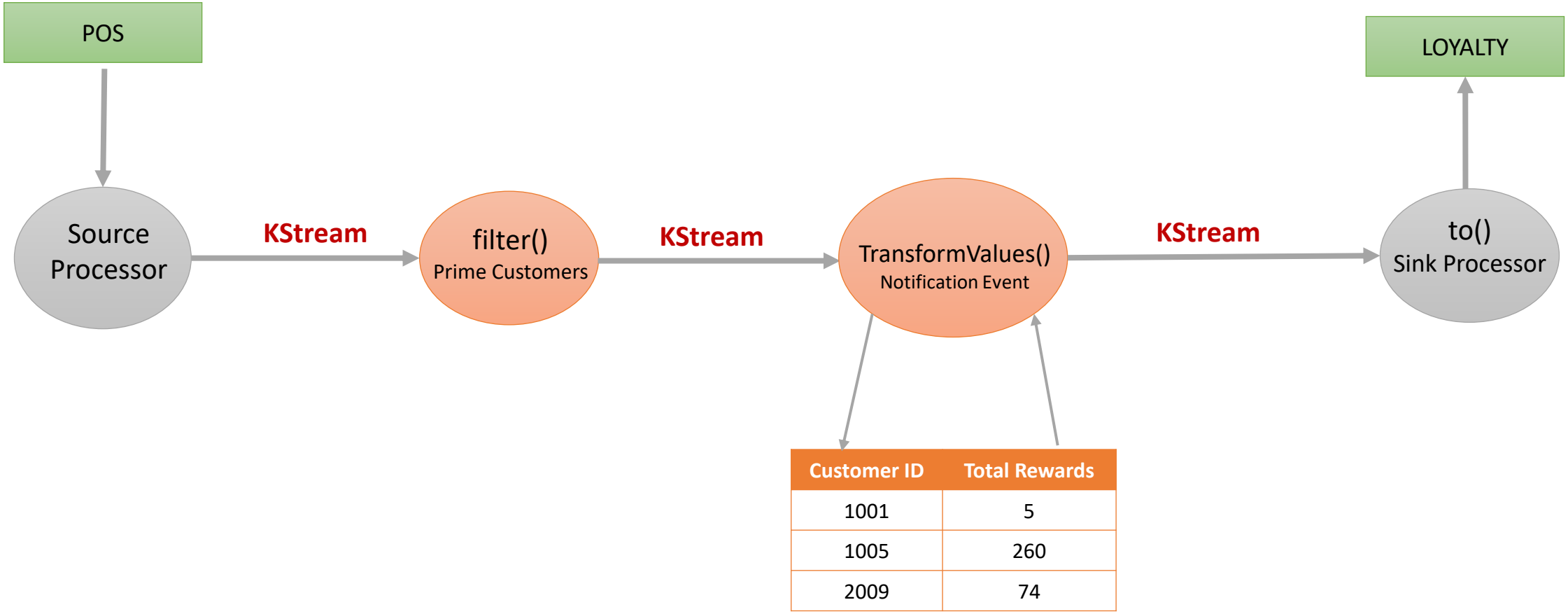
Working with KStream & States



Customer ID	Total Rewards
1001	5
1005	260
2009	74

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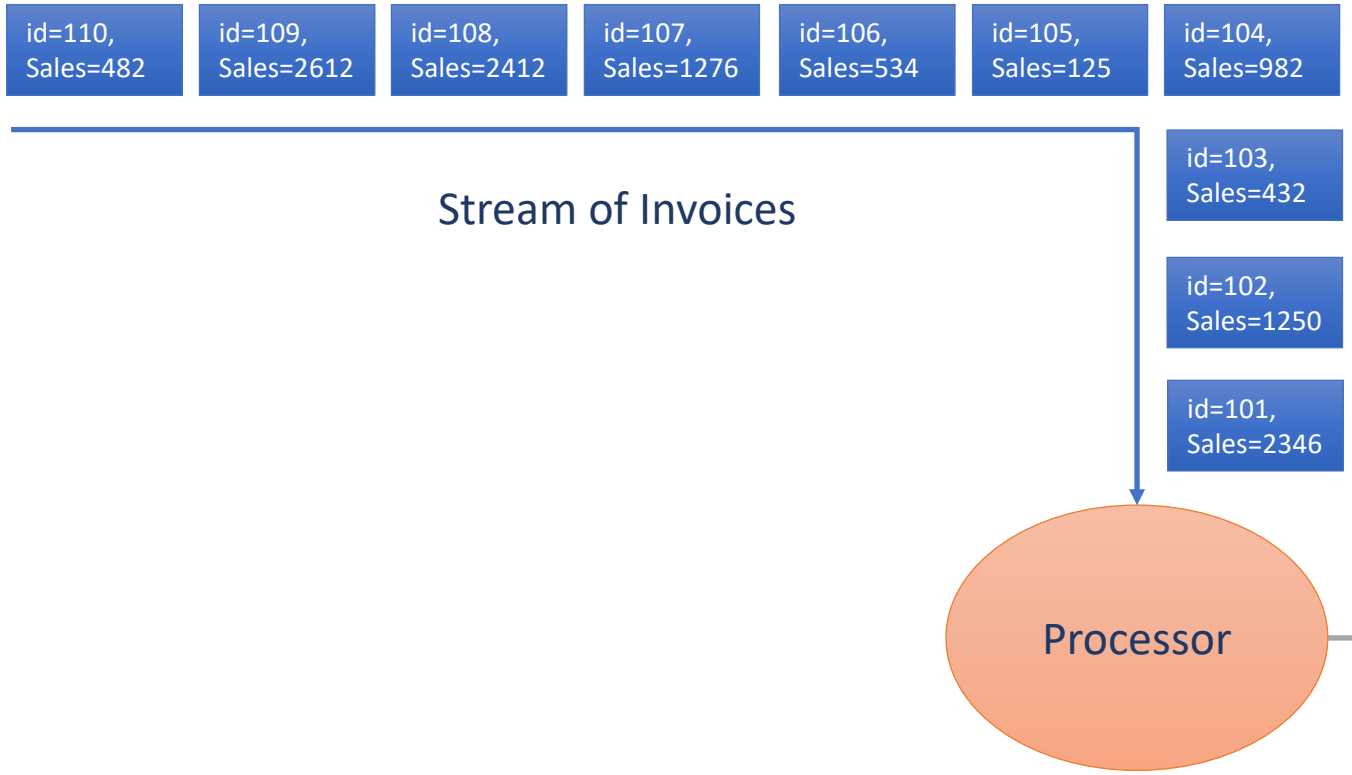
Working with KStream & States



ID	Sale Value
101	482.00
102	2612.00
103	2412.00
104	1276.00
105	534.00
106	125.00
107	982.00
108	432.00
109	1250.00
110	2346.00
Avg	**1245.10**

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ID	Sale Value
101	482.00
102	2612.00
103	2412.00
104	1276.00
105	534.00
106	125.00
107	982.00
108	432.00
109	1250.00
110	2346.00
Avg	**1245.10**

Table

Aggregate

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ID	Sale Value
101	482.00
102	2612.00
103	2412.00
104	1276.00
105	534.00
106	125.00
107	982.00
108	432.00
109	1250.00
110	2346.00
Avg	**1245.10**

KTable

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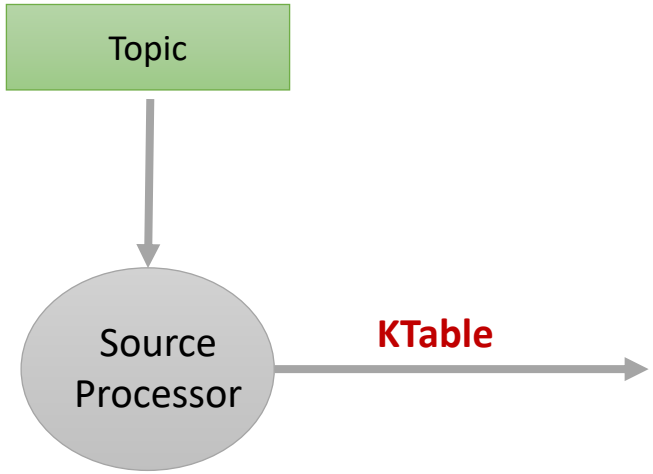

Key	Value

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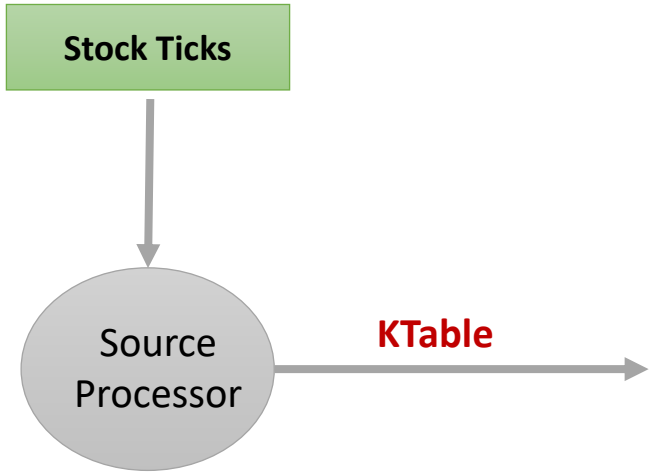
Key	HDFCBANK
Value	{ "timestamp": "12:10:2019 11:00:15", "LTP": 1250, "LTQ": 50}



Key	Value

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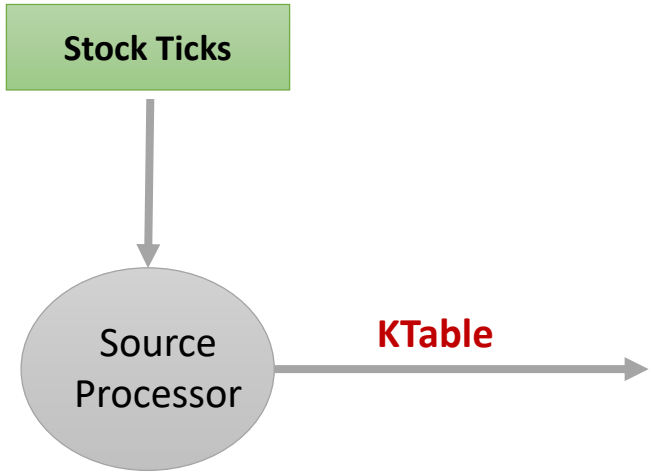

Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:00:15", "LTP": 1250, "LTQ": 50}

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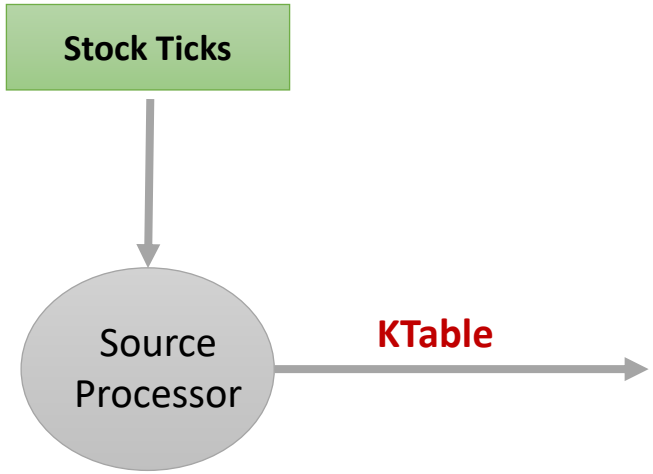
Key	TCS
Value	{ "timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}



Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:00:15", "LTP": 1250, "LTQ": 50}

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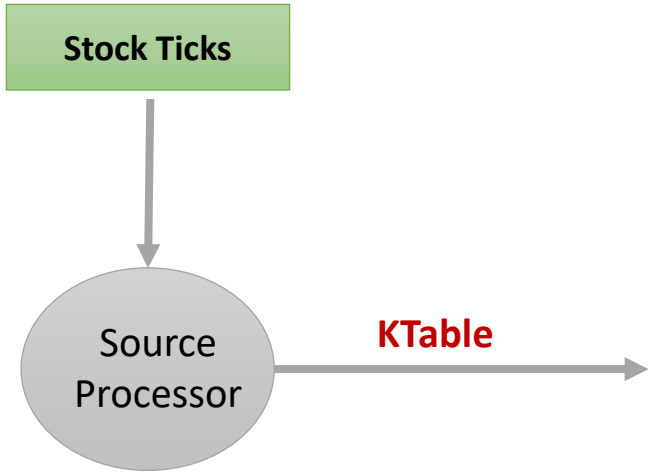

Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:00:15", "LTP": 1250, "LTQ": 50}
TCS	{"timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}

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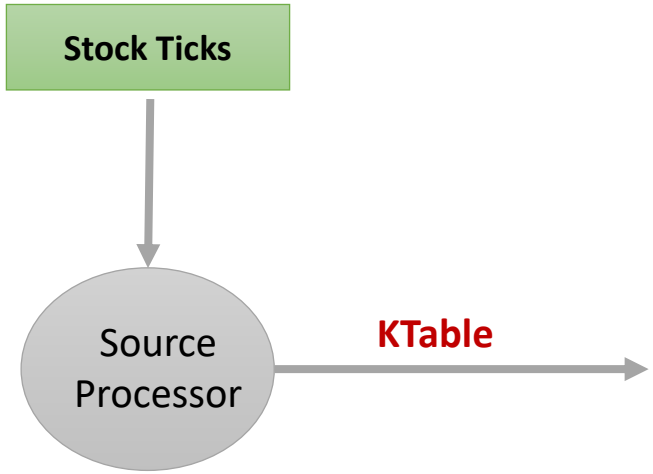
Introducing KTable

Key	HDFCBANK
Value	{ "timestamp": "12:10:2019 11:02:10", "LTP": 1270, "LTQ": 45}



Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:00:15", "LTP": 1250, "LTQ": 50}
TCS	{"timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}

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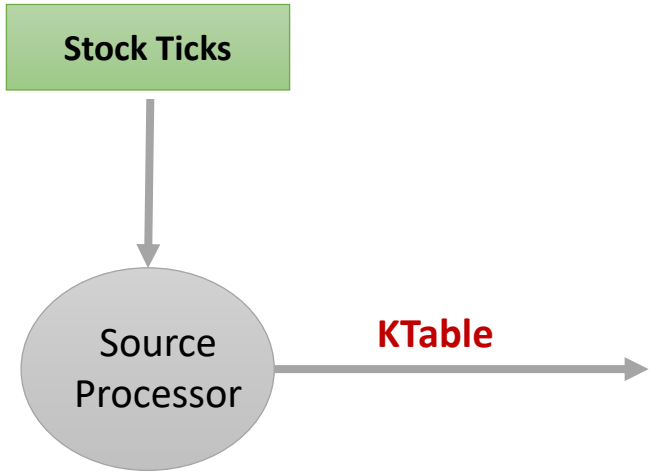

Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:02:10", "LTP": 1270, "LTQ": 45}
TCS	{"timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}

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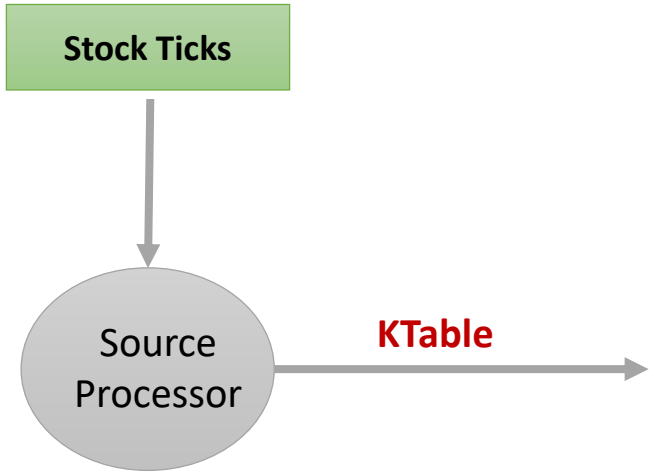
Key	HDFCBANK
Value	null



Key	Value
HDFCBANK	{"timestamp": "12:10:2019 11:02:10", "LTP": 1270, "LTQ": 45}
TCS	{"timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}

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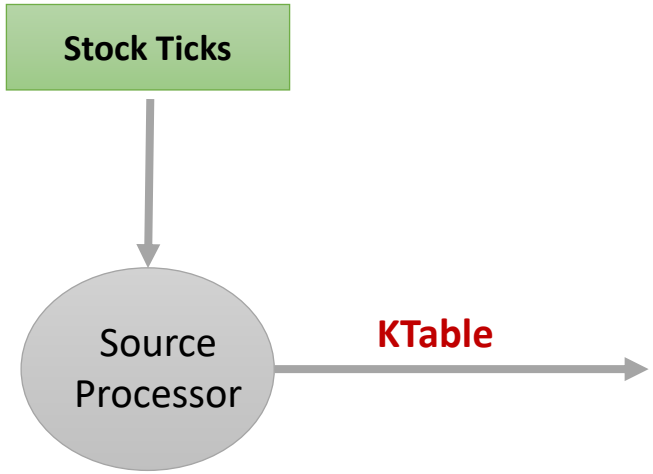

Key	Value
TCS	{"timestamp": "12:10:2019 11:00:12", "LTP": 2300, "LTQ": 30}

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