

## Raw Source



$\text{DataStream}[T]$

$T$ :  
Tuple  
Object  
Primitive

create stream

$\text{DataStream}$   
[Row]

Data  
Manipulation  
Processing

$\text{DataStream}$   
[Tuple]

SQLContext

Stream  
name

$\text{DataStream}$   
[Row]

Schema  
name

Schema

