Apache Spark

Unstructured Rows

Working with Data Frame Row

1. High-level methods
2. Low-level methods
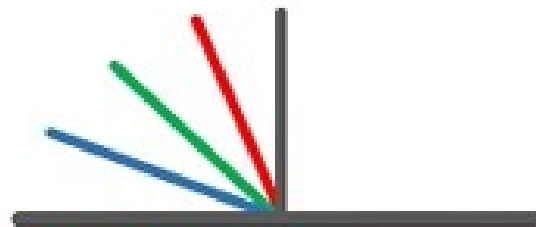
```
Actions                       Transformations                    Utility Functions
--------------                --------------------               --------------------
collect()                     select(cols: Column*)              cache()
collectAsList()               groupBy(cols: Column*)             createOrReplaceTempView(str)
take(n)                       where(cond: Column)                rdd()
takeAsList(n)                 repartition(n)                     write()
count()                       map(f: T => U)
foreach(f:(T)=> Unit)         flatMap(f:(T) => itr[U])
reduce(f:(T,T) => T)          groupByKey(f: T => U)
```

www.learningjournal.guru