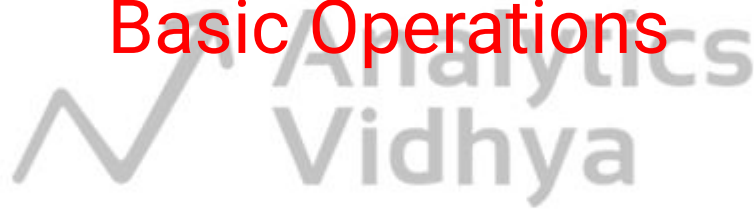


Basic Operations



Basic Operations

- You can apply all kinds of operations on streaming DataFrames/Datasets
 - **select, where, groupBy**
 - **map, filter, flatMap**
- Most of the common operations on DataFrame/DataSet are supported for Streaming
- You can also register a streaming DataFrame/Dataset as a temporary view and then apply SQL commands on it

```
df = ... # streaming DataFrame with IOT device data with schema { device: string,  
deviceType: string, signal: double, time: DateType }
```

```
# Select the devices which have signal more than 10
```

```
df.select("device").where("signal > 10")
```

```
# Running count of the number of updates for each device type
```

```
df.groupBy("deviceType").count()
```

 Thank You
Analytics
Vidhya