

```
In [12]: import findspark
from pyspark.streaming import StreamingContext
from pyspark.sql import SparkSession
from pyspark.sql import functions as F
import math

findspark.init()
```

```
In [20]: try: query.stop(True, True)
except: pass
try: spark.stop()
except: pass
```

```
In [14]: spark=SparkSession.builder.appName("SparkStreaming-01-DF").master('local[1]').getOrCreate()
sc=spark.sparkContext
# .config("spark.driver.allowMultipleContexts","true")
spark
```

Out[14]: **SparkSession - in-memory**

SparkContext

[Spark UI](#)

Version	v2.4.8
Master	local[1]
AppName	SparkStreaming-01-DF

```
In [15]: spark.conf.set("spark.sql.shuffle.partitions", 5)
spark.conf.get("spark.sql.shuffle.partitions")
```

Out[15]: '5'

```
In [16]: lines=spark.readStream.format("socket").options(host="localhost", port=8000).load()
```

```
In [17]: words=lines.select(F.explode(F.split(lines.value, " ")).alias("word"))
```

```
In [18]: wordc=words.groupBy("word").count()
```

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In [19]: query=wordc.writeStream.outputMode("complete").format("console").start()
```

In []:

```
In [70]: query.name()
```

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TypeError                                Traceback (most recent call last)
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\4091071241.py in <module>
----> 1 query.name()
```

TypeError: 'NoneType' object is not callable

In [74]:
query.id()

```
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TypeError                                Traceback (most recent call last)  
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\2214451279.py in <module>  
----> 1 query.id()
```

TypeError: 'str' object is not callable

In [72]:
query.runid()

```
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AttributeError                            Traceback (most recent call last)  
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\4095599659.py in <module>  
----> 1 query.runid()
```

AttributeError: 'StreamingQuery' object has no attribute 'runid'

In [73]:
query.recentProgress()

```
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TypeError                                Traceback (most recent call last)  
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\1977551287.py in <module>  
----> 1 query.recentProgress()
```

TypeError: 'list' object is not callable

In [51]:
query.lastProgress()

```
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AttributeError                            Traceback (most recent call last)  
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\1309299348.py in <module>  
----> 1 query.lastProgress()
```

AttributeError: 'DataStreamWriter' object has no attribute 'lastProgress'

In [52]:
spark.streams().active

```
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TypeError                                Traceback (most recent call last)  
C:\Users\DMS240~1\AppData\Local\Temp\ipykernel_5736\1294771146.py in <module>  
----> 1 spark.streams().active
```

TypeError: 'StreamingQueryManager' object is not callable

In []: