

ex34

August 12, 2022

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[ ]: from pyspark import SparkConf, SparkContext  
conf = SparkConf().setAppName("ex34")  
sc = SparkContext(conf=conf)
```

```
[2]: inputPath = "data/Ex34/data"  
outputPath = "out34/"
```

```
[3]: inputRDD = sc.textFile(inputPath)  
maxPM10 = inputRDD.map(lambda line:float(line.split(",")[2])).max()  
maxPM10ReadingsRDD = inputRDD.filter(lambda line:float(line.  
    ↪split(",")[2])==maxPM10)
```

```
[4]: maxPM10ReadingsRDD.saveAsTextFile(outputPath)
```