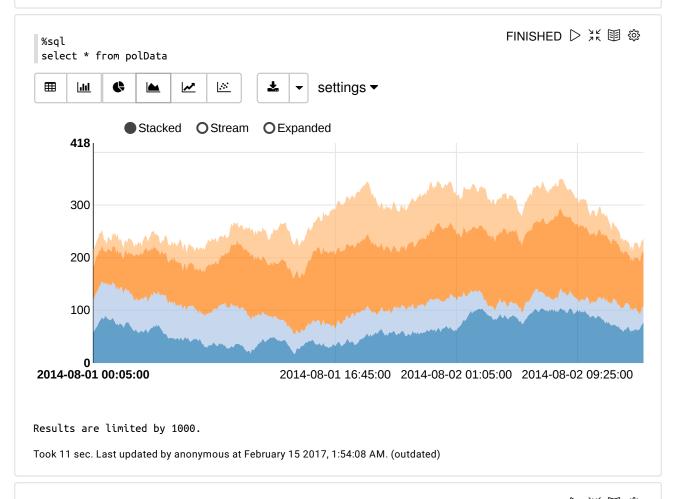
Took 45 sec. Last updated by anonymous at February 15 2017, 1:53:48 AM.

polutionData.toDF().registerTempTable("polData")

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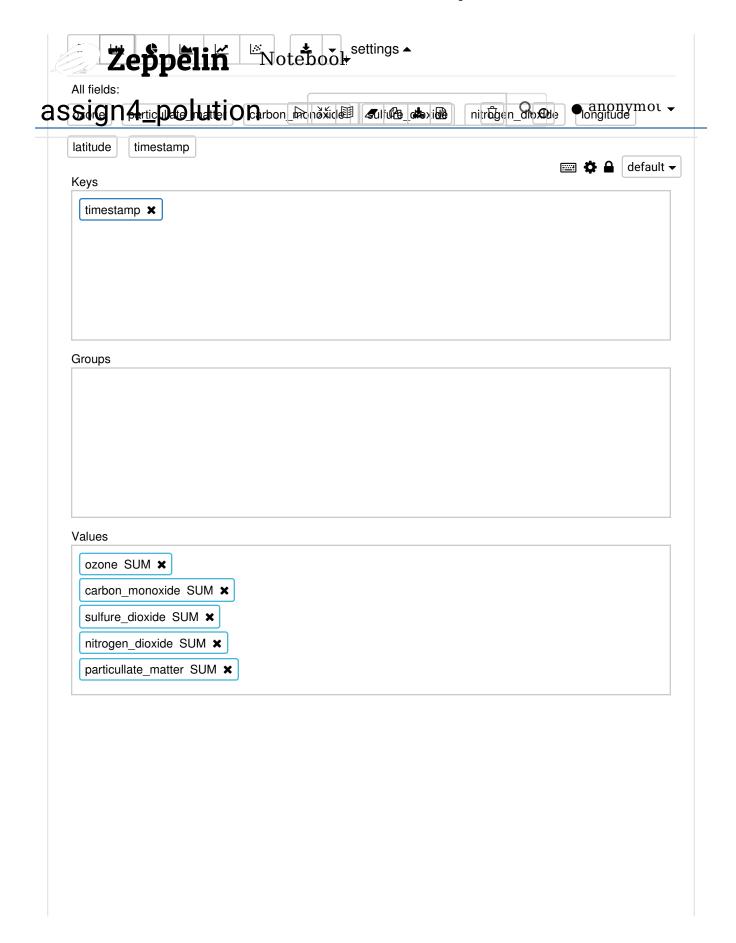
warning: there was one deprecation warning; re-run with -deprecation for details

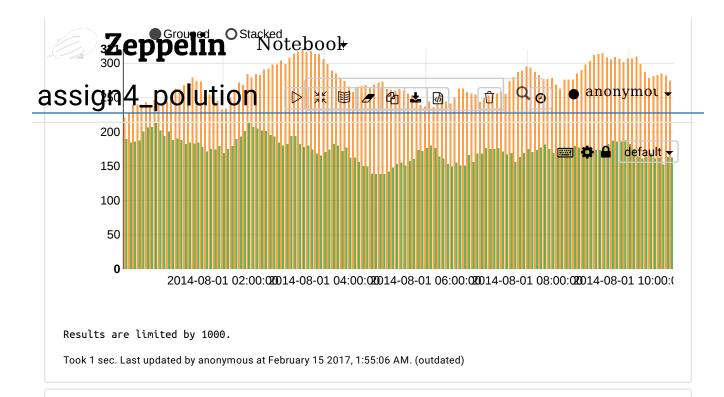
Took 1 sec. Last updated by anonymous at February 15 2017, 1:53:53 AM.



%sql
select * from polData where timestamp like "2014-08-01%"

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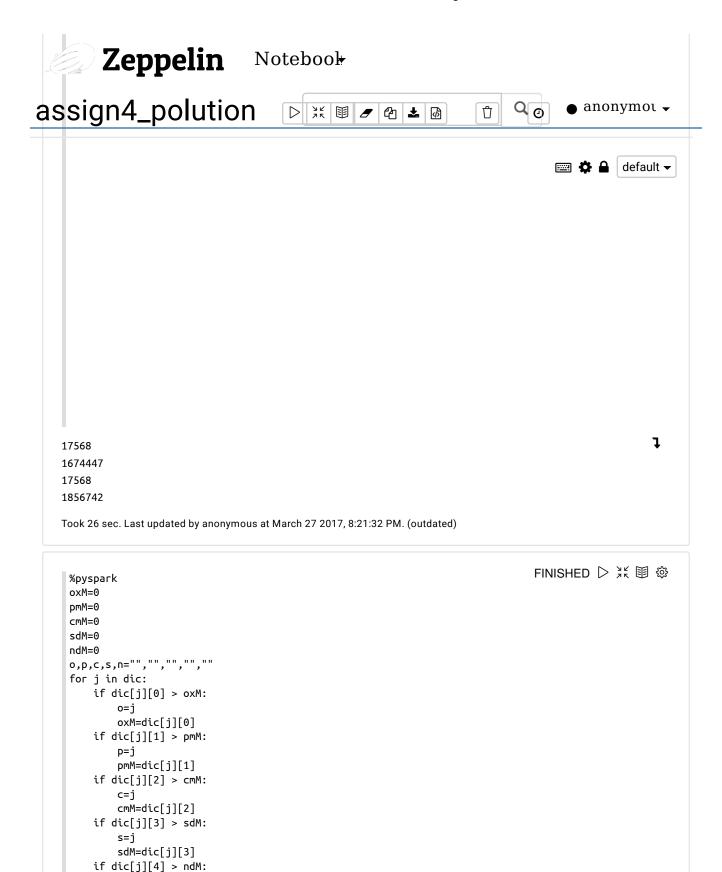
%pyspark import glob files = glob.glob("/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/*.csv") print (files[:20])

['/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData192866.csv', '/home/scarface/D esktop/sem-3/capstone/Prithvi/pollution/pollutionData206475.csv', '/home/scarface/Desktop/sem-3/capst one/Prithvi/pollution/pollutionData193402.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollut ion/pollutionData195312.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData2 01828.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData197896.csv', '/home /scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData181331.csv', '/home/scarface/Desktop/ sem-3/capstone/Prithvi/pollution/pollutionData201722.csv', '/home/scarface/Desktop/sem-3/capstone/Pri thvi/pollution/pollutionData194960.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pol lutionData197355.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData190799.c sv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData179228.csv', '/home/scarfa ce/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData187006.csv', '/home/scarface/Desktop/sem-3/c apstone/Prithvi/pollution/pollutionData187297.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/po llution/pollutionData185396.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionD ata192946.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData158983.csv', '/ home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData197734.csv', '/home/scarface/Desk top/sem-3/capstone/Prithvi/pollution/pollutionData188039.csv', '/home/scarface/Desktop/sem-3/capstone /Prithvi/pollution/pollutionData195552.csv']

Took 0 sec. Last updated by anonymous at March 27 2017, 10:41:44 PM.

%pyspark
import csv
dic={}
for each in files:
 oz=0

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ndM=dic[j][4]

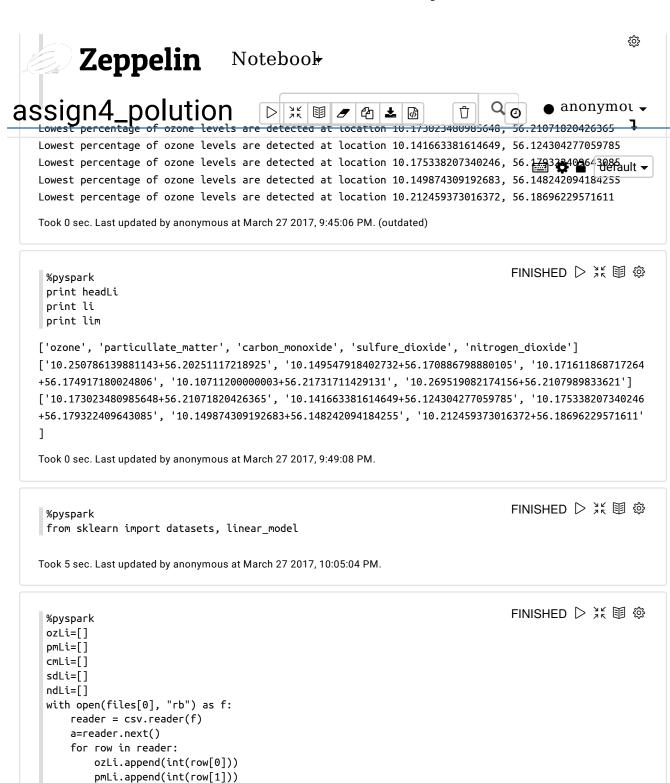
li= [o,p,c,s,n]

Zeppelin Notebook

Took 0 sec. Last updated by anonymous at March 27 2017, 9:20:15 PM. (outdated)

```
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 %pyspark
 oxMi=100
 pmMi=100
 cmMi=100
 sdMi=100
 ndMi=100
 o,p,c,s,n="","","","",""
 for j in dic:
     if dic[j][0] < oxMi:</pre>
         o=i
         oxMi=dic[j][0]
     if dic[j][1] < pmMi:</pre>
         p=i
          pmMi=dic[j][1]
     if dic[j][2] < cmMi:</pre>
          cmMi=dic[j][2]
     if dic[j][3] < sdMi:</pre>
          sdMi=dic[i][3]
     if dic[j][4] < ndMi:</pre>
         ndMi=dic[j][4]
 lim= [o,p,c,s,n]
 print lim
['10.173023480985648+56.21071820426365', '10.141663381614649+56.124304277059785', '10.175338207340246
+56.179322409643085', '10.149874309192683+56.148242094184255', '10.212459373016372+56.18696229571611'
]
Took 1 sec. Last updated by anonymous at March 27 2017, 9:42:40 PM.
```

| %pyspark FINISHED ▷ ¾₭ 🗉



[30, 29, 34, 35, 34, 39, 43, 41, 41, 39, 35, 37, 35, 38, 37, 38, 42, 37, 38, 38, 37, 33, 36, 36, 37, 35, 40, 38, 36, 31, 31, 31, 31, 26, 27, 26, 26, 31, 35, 31, 34, 39, 40, 40, 41, 36, 37, 37, 37, 33, 3 1, 36, 32, 33, 33, 38, 39, 37, 37, 32, 34, 39, 42, 46, 44, 39, 35, 31, 26, 25, 21, 25, 23, 19, 28, 32

cmLi.append(int(row[2]))
sdLi.append(int(row[3]))
ndLi.append(int(row[4]))

print ozLi[:100]

