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llutionData187006.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData187297.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData185396.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData1929 46.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollution/pollutionData158983.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollutionData197734.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollutionData188039.csv', '/home/scarface/Desktop/sem-3/capstone/Prithvi/pollutionData19552.csv']

Took 4 sec. Last updated by anonymous at April 15 2017, 7:46:52 PM

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FINISHED ▷ 牂 国 ⑬
 %pyspark
 import csv
 dic={}
 for each in files:
     pm=0
     cm=0
     sd=0
     nd=0
     with open(each, "rb") as f:
         reader = csv.reader(f)
         a=reader.next()
         i =0
         for r in reader:
             oz=oz+int(r[0])
             pm=pm+int(r[1])
             cm=cm+int(r[2])
             sd=sd+int(r[3])
             nd=nd+int(r[4])
             i=i+1
         if (r[5]=="10.10711200000003"):
             print i
             print oz
         ozA=oz/i
         pmA=pm/i
         cmA=cm/i
         sdA=sd/i
         ndA=nd/i
         dic[str(r[5])+"+"+str(r[6])]=[ozA,pmA,cmA,sdA,ndA]
 print dic
#31
                                                                                                                                      ļ
17568
1674447
17568
1856742
Took 26 sec. Last updated by anonymous at March 27 2017, 8:21:32 AM. (outdated)
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           Zeppelin
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                                                                                                                                                                                                 anonymous
                                                     Notebook -
                                                                                                                                                                                       l in lim:
         latLon=l.split("+")
        print "Lowest percentage of ozone levels are detected at location " + latLon[0] + ", "+ latLon[1]
 #87
                                                                                                                                                                                                                        ļ
Lowest percentage of ozone levels are detected at location 10.173023480985648, 56.21071820426365
Lowest percentage of ozone levels are detected at location 10.141663381614649, 56.124304277059785
Lowest percentage of ozone levels are detected at location 10.175338207340246, 56.179322409643085
Lowest percentage of ozone levels are detected at location 10.149874309192683, 56.148242094184255
Lowest percentage of ozone levels are detected at location 10.212459373016372, 56.18696229571611
Took 0 sec. Last updated by anonymous at March 27 2017, 9:45:06 AM. (outdated)
                                                                                                                                                                                       FINISHED ▷ 牂 国 ⑬
 %pyspark
 print headLi
  print li
print lim
['ozone', 'particullate_matter', 'carbon_monoxide', 'sulfure_dioxide', 'nitrogen_dioxide']
 [ '10.250786139881143 + 56.20251117218925', '10.149547918402732 + 56.170886798880105', '10.171611868717264 + 56.174917180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180024806', '10.1071180004806', '10.1071180004806', '10.107118004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071180004806', '10.1071800048
200000003+56.21731711429131', '10.269519082174156+56.2107989833621']
4309192683+56.148242094184255', '10.212459373016372+56.18696229571611']
Took 0 sec. Last updated by anonymous at March 27 2017, 9:49:08 AM.
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 %pvspark
from sklearn import datasets, linear_model
Took 5 sec. Last updated by anonymous at March 27 2017, 10:05:04 AM.
                                                                                                                                                                                       FINISHED ▷ ※ 圓 ŵ
 %pyspark
  ozLi=[]
  pmLi=[]
  cmLi=[]
  sdLi=[]
  ndLi=[]
  with open(files[0], "rb") as f:
        reader = csv.reader(f)
         a=reader.next()
         for row in reader:
               ozLi.append(int(row[0]))
               pmLi.append(int(row[1]))
               cmLi.append(int(row[2]))
               sdLi.append(int(row[3]))
               ndLi.append(int(row[4]))
print ozLi[:100]
[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, 33, 31, 36, 32, 33, 38, 39, 37, 37, 32, 34, 39, 42, 46, 44, 39,
35, 31, 26, 25, 21, 25, 23, 19, 28, 32, 32, 31, 31, 26, 27, 26, 26, 25, 28, 30, 35, 37, 41, 40, 43, 47, 44, 42, 37, 35, 39, 42, 47,
Took 0 sec. Last updated by anonymous at March 27 2017, 10:43:10 AM.
                                                                                                                                                                                       FINISHED ▷ ※ 圓 ⑳
 %pyspark
  sd train=ozLi[:-20]
  sd_test=ozLi[-20:]
  pm_train=ozLi[:-20]
  pm_test=ozLi[-20:]
 nm train=nd DataFrame(nm train)
```

