Zeppelin

Graph4

default

FINISHED

```
%r
library(readr)
library(dplyr)
setwd("/Users/neha/Documents/Capstone/pollution")
temp = list.files(pattern="*.csv")
tbl = lapply(temp, read_csv) %>% bind_rows()
```

Took 18 sec. Last updated by anonymous at April 16 2017, 5:51:34 PM.

FINISHED

```
%r
library(sqldf)
x = sqldf("select avg(ozone) as avg_ozone, avg(particullate_matter) as particulate, avg(carbo
(nitrogen_dioxide) as nitrogen from tbl group by longitude,latitude")
```

Took 26 sec. Last updated by anonymous at April 16 2017, 5:52:24 PM.

FINISHED

```
%r
data=as.matrix(x)
head(data)
```

```
[1,] 114.87796   106.22234 121.59813  95.37728  92.32184
[2,]  97.82055   104.07477 102.51602 107.58720  94.99448
[3,] 123.91216    91.03358 111.95403  91.35665 102.41902
[4,] 133.58848   122.29269 106.15238  92.60334 113.65949
[5,] 140.92253   125.03375 122.33407 105.44644  91.72217
[6,] 102.11965    93.42367  94.72922 111.42555 124.24778
```

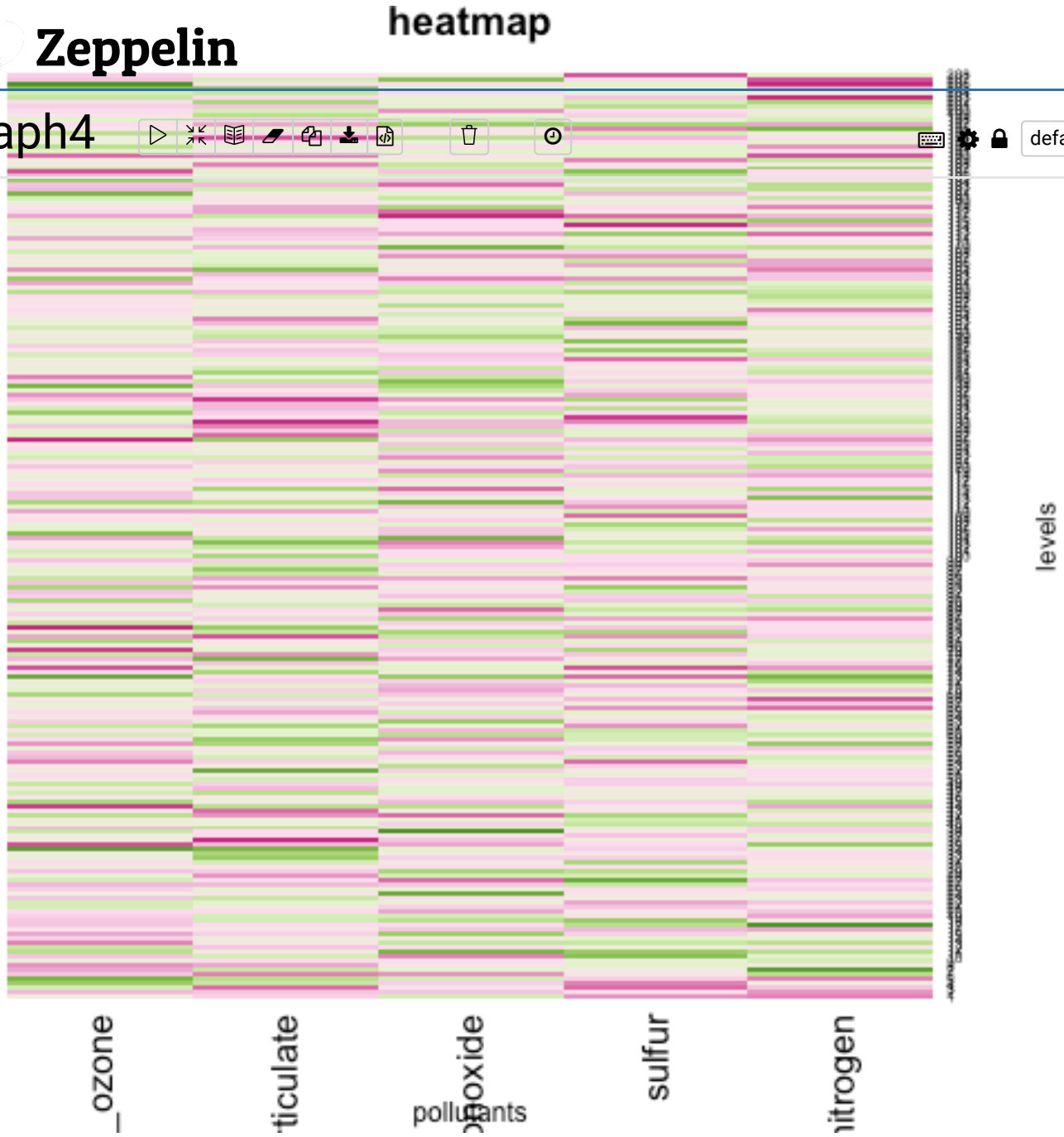
Took 0 sec. Last updated by anonymous at April 16 2017, 5:52:29 PM.

FINISHED

```
%r
heatmap(data, Colv = NA, Rowv = NA, scale="column", col = coul, xlab="pollutants", ylab="leve
```

Zeppelin

Graph4



Took 0 sec. Last updated by anonymous at April 16 2017, 6:00:00 PM.

READY