



# Graph5



default ▾

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

FINISHED ▷ ⌕ 📖 ⚙

Took 18 sec. Last updated by anonymous at April 16 2017, 6:06:36 PM.

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

FINISHED ▷ ⌕ 📖 ⚙

Took 26 sec. Last updated by anonymous at April 16 2017, 6:07:26 PM.

```
%r
library(ggplot2)

data=data.frame(name=c("ozone","particulate","monoxide","sulfure","Nitrogen") , value=c(x$avg_ozone,x$avg_particulate,x$avg_monoxide,x$avg_sulfure,x$avg_nitrogen))
# Barplot
ggplot(data, aes(x=name, y=value)) + geom_bar(stat = "identity")
```

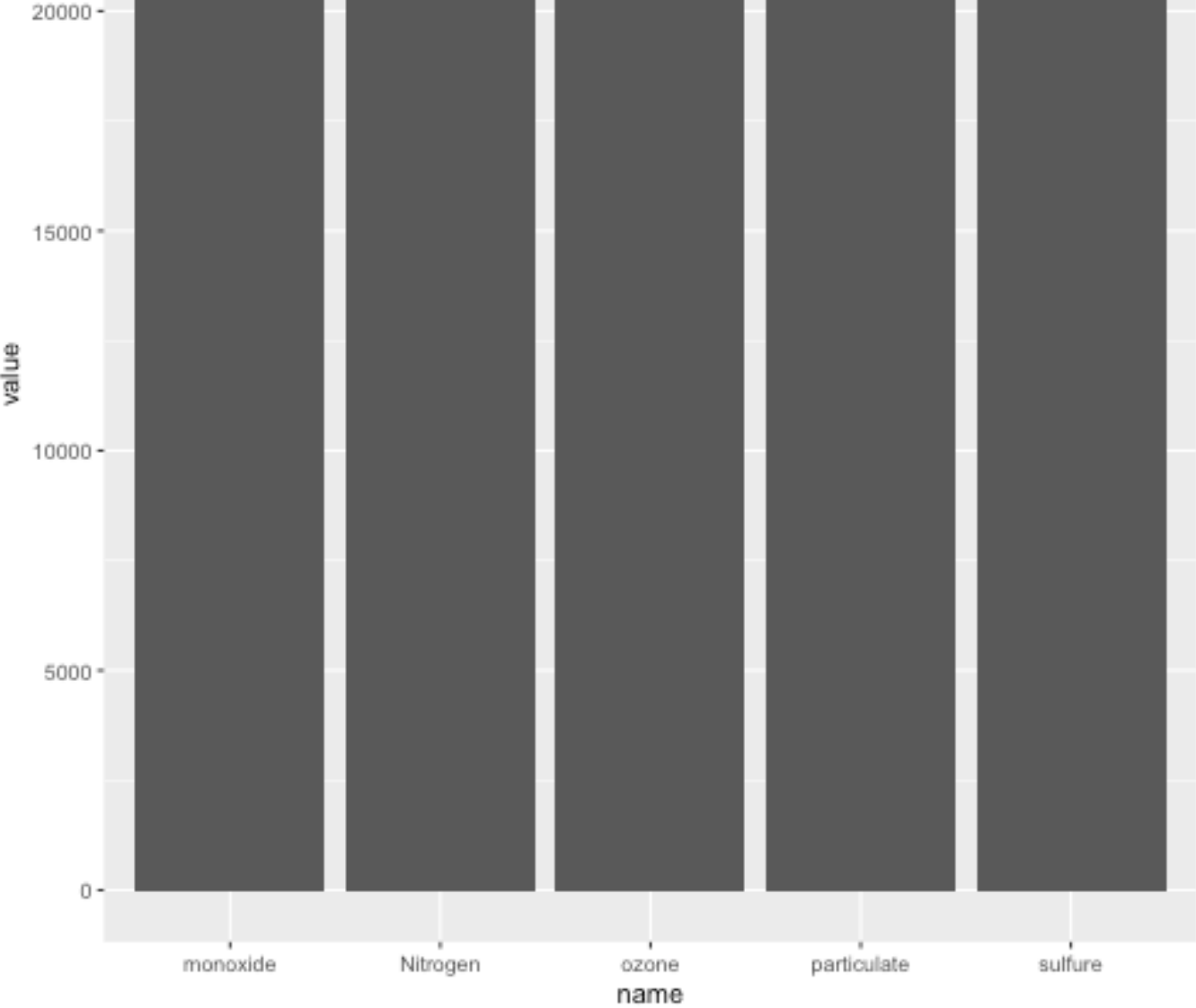
FINISHED ▷ ⌕ 📖 ⚙



# Zeppelin

Graph5

default ▾



Took 0 sec. Last updated by anonymous at April 16 2017, 6:41:13 PM.

READY