Project Component 1

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Introduction

TBA

Data Description

The data contains six air pollution parameters like PM2.5, PM10, NO2, NH3, SO2, Ozone for 15 stations in New Delhi, collected from CPCB website from 08-02-2018 to 02-01-2021 on daily basis.

```
# Importing libraries
library(tidyverse)
library(sf)
library(mapview)
library(ggplot2)
```

```
# Reading the data into data frame
df <- read.csv("delhi.csv")
head(df)</pre>
```

```
siteName siteCode
                                  Date PM2.5
                                                             NH3
                                                                   SO2 Ozone
##
    Ιd
                                               PM10
                                                       NO2
## 1 0 Ashok Vihar
                       1420 2018-02-08 236.96 405.79 109.97 31.45 11.20 33.42
     1 Ashok Vihar
                       1420 2018-02-09 250.46 423.21 79.40 33.55 13.24 39.28
## 3 2 Ashok Vihar
                      1420 2018-02-10 269.71 498.88 183.86 22.66 7.16 44.46
## 4 3 Ashok Vihar
                       1420 2018-02-11 146.42 315.46
                                                    41.84 36.72
## 5 4 Ashok Vihar
                       1420 2018-02-12 82.08 199.92
                                                     23.24 34.80
                                                                  4.43 37.89
## 6 5 Ashok Vihar
                       1420 2018-02-13 140.83 223.67
                                                    35.81 42.94
                                                                  6.75 42.24
```

Exploratory Data Analysis

Results

Conclusion