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!

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

```r
# Reading the data into data frame
df <- read.csv("del.csv")
head(df)
```

```
##   Id    siteName siteCode        Date  PM2.5   PM10    NO2   NH3   SO2 Ozone
## 1  0 Ashok Vihar     1420 2018-02-08 236.96 405.79 109.97 31.45 11.20 33.42
## 2  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  8.38 42.96
## 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