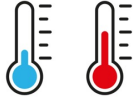




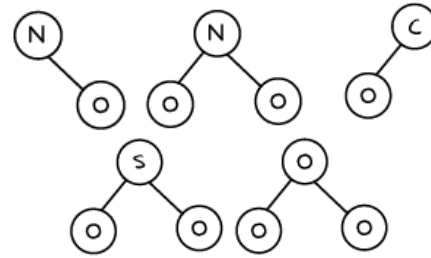
# Data Science Methods

Data Collection

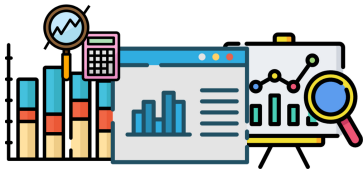
Temperature



Pollutants



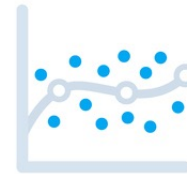
Exploratory  
Analysis



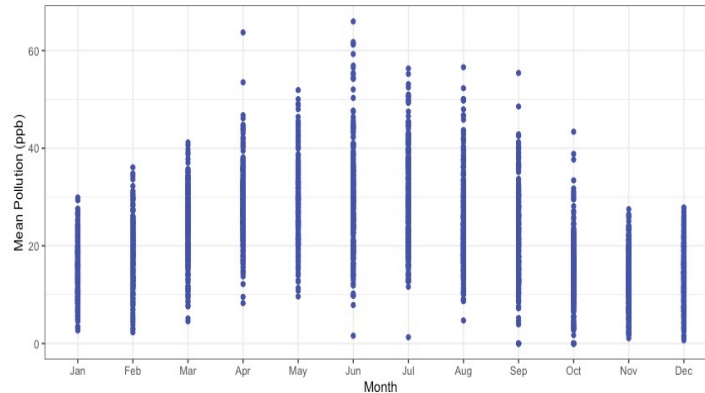
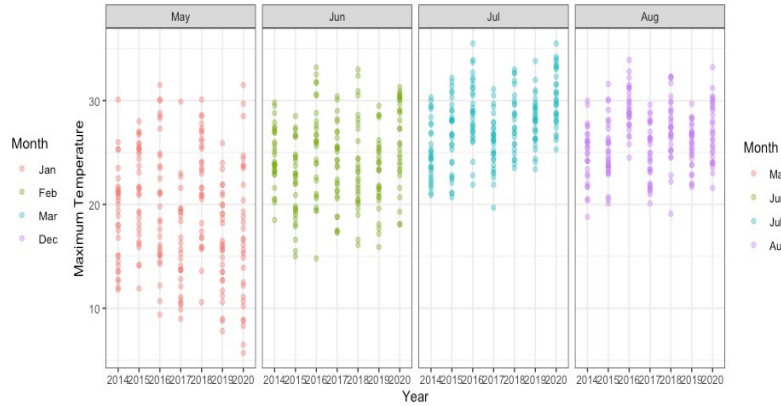
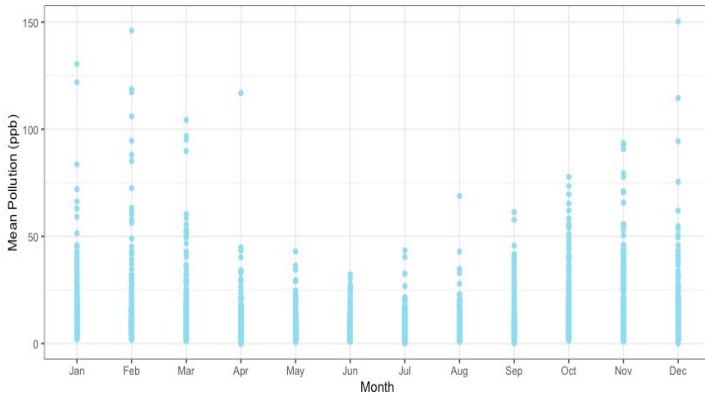
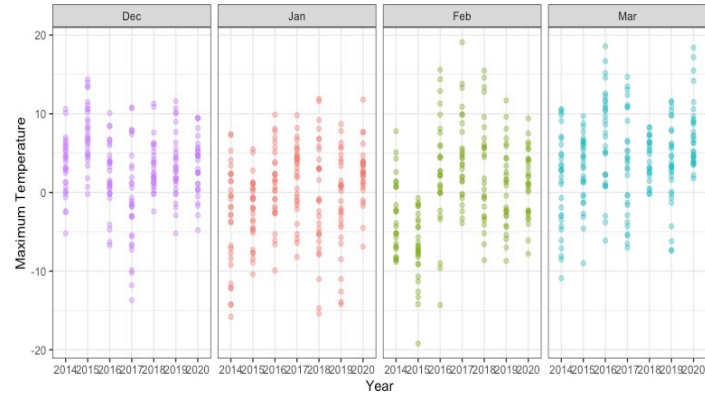
Data Visualization



Regression  
Analysis



# Results



## Temperature

- Winters less cold
- Summers hotter

## Pollution

- NO, NO<sub>2</sub>, CO, SO<sub>2</sub> levels have decreased and have higher levels in winter
- O<sub>3</sub> levels have increased and has higher levels in summer

## Health Effects

- Lung irritation
- Respiratory illnesses
- Heart disease
- Cardiovascular diseases