1. Pollution data: sorted
2. Population data: sorted
3. Vehicle data: Manually (statewise)
4. Industrial data:
   1. Chemical
   2. Construction material
   3. Iron and Steel
   4. Leather
   5. Mineral metal mining
   6. Petroleum
   7. Power: script
5. Temporal:
   1. Covid19 over the months for a state
   2. AQI over the months for a city
      1. 28 plots -- representative plots (8 plots = 6 good + 2 bad)
      2. 5 cities AQI data to state AQI:
         1. Average, median
         2. Weighted average:
            1. Weights: normalized over parameters like no. of vehicles in the city, the population of the city, no. of industries in the city.
            2. 5: 100 200 300 400 500 (population), vehicle, industry: proportial

500/sum(all) = 0.33 for population, 2\*0.33 for vehicle, 3\*0.33 for industry = a = .33+.66+.99

City E weights 0.33 for all the parameters

City D 4/15

* + - * 1. AQI = f(a, b, c, d, subjective parameters like policies)
        2. state\_AQI = af(1) + bf(2) + … + ef(5)
    1. output : statewise AQI trends
       1. Cases wrt months
       2. NO wrt months
       3. PPM wrt months
       4. .
       5. .
       6. .
       7. CO2 wrt months
       8. SO2 wrt months