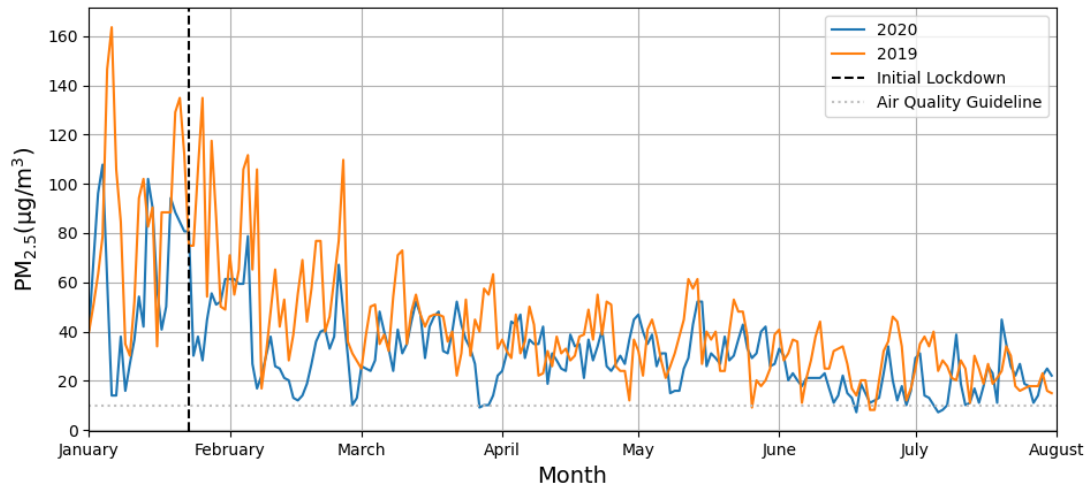
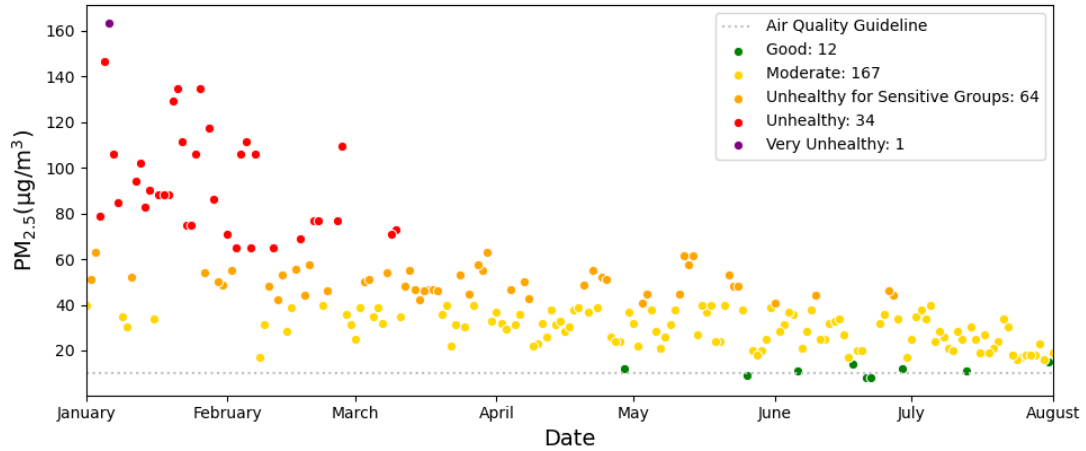


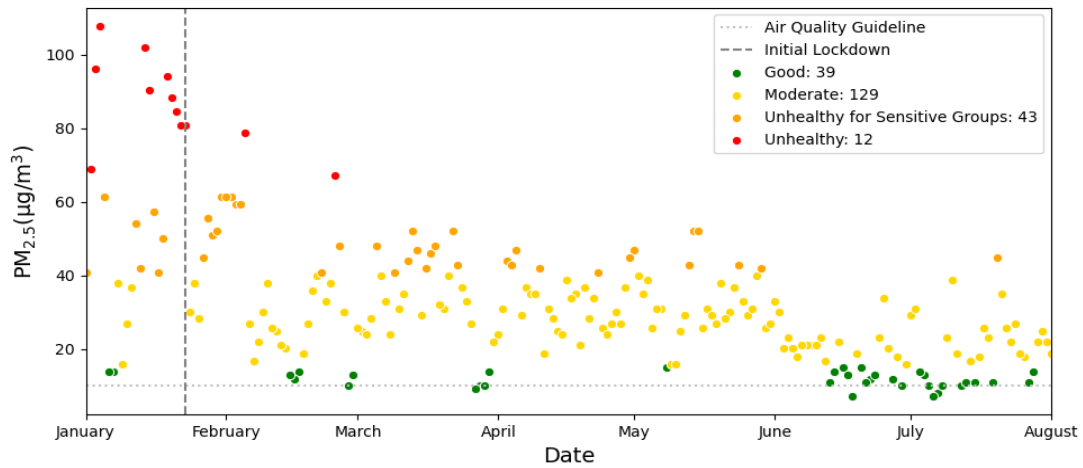
### Wuhan 2020 & 2019 PM2.5 Levels

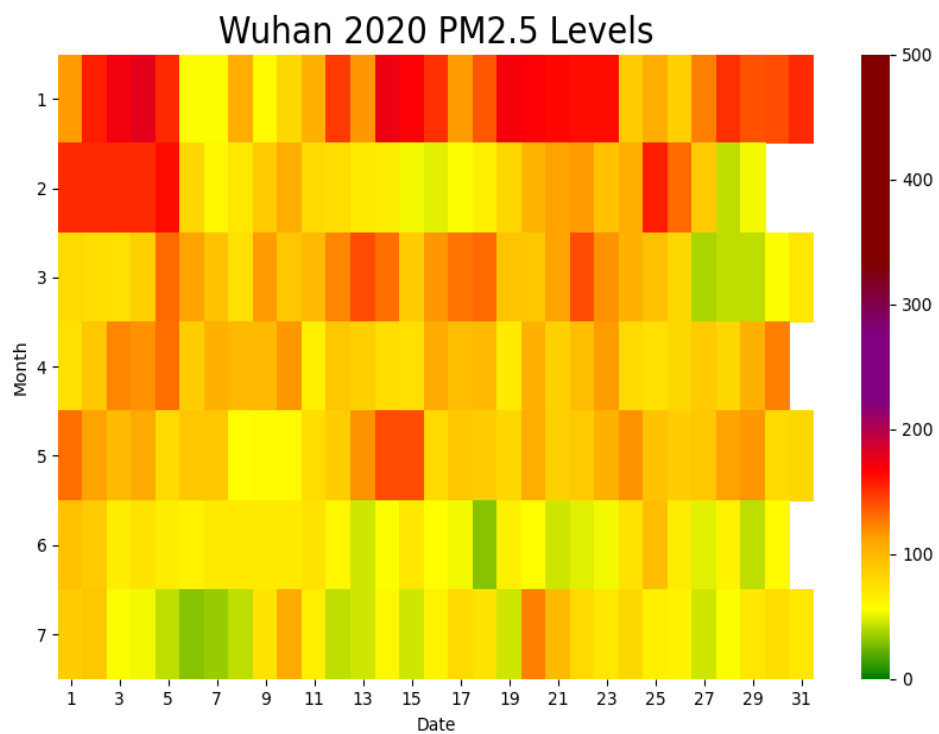
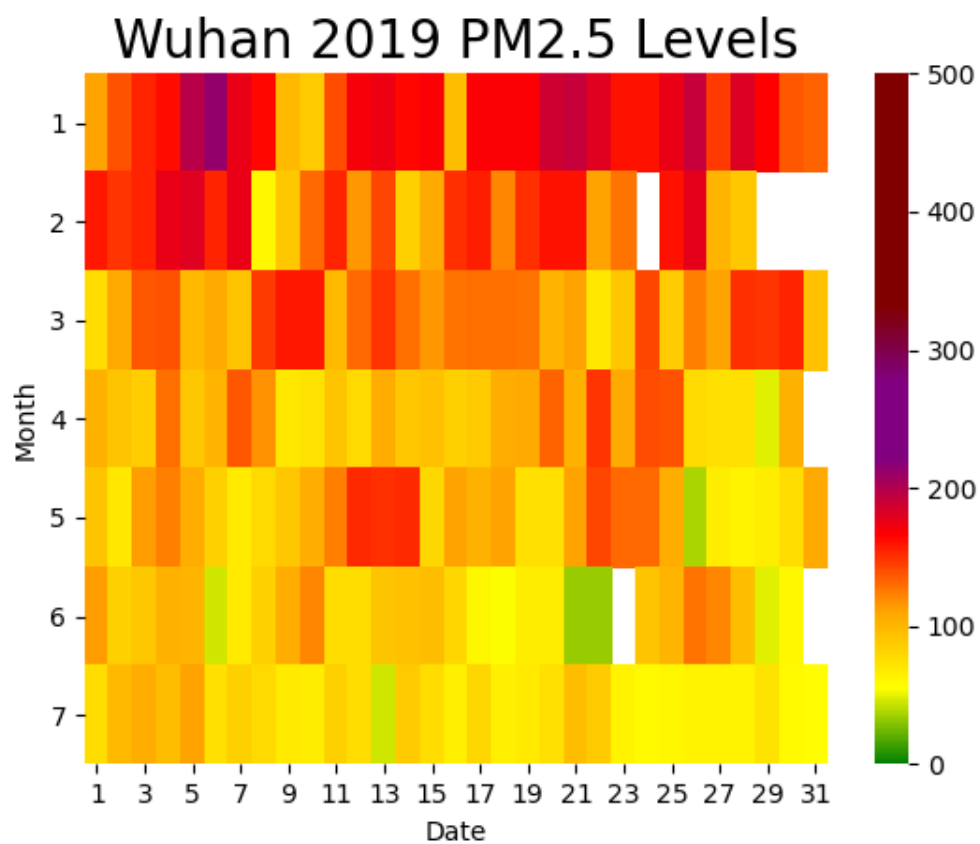


### Wuhan 2019 PM2.5 Levels

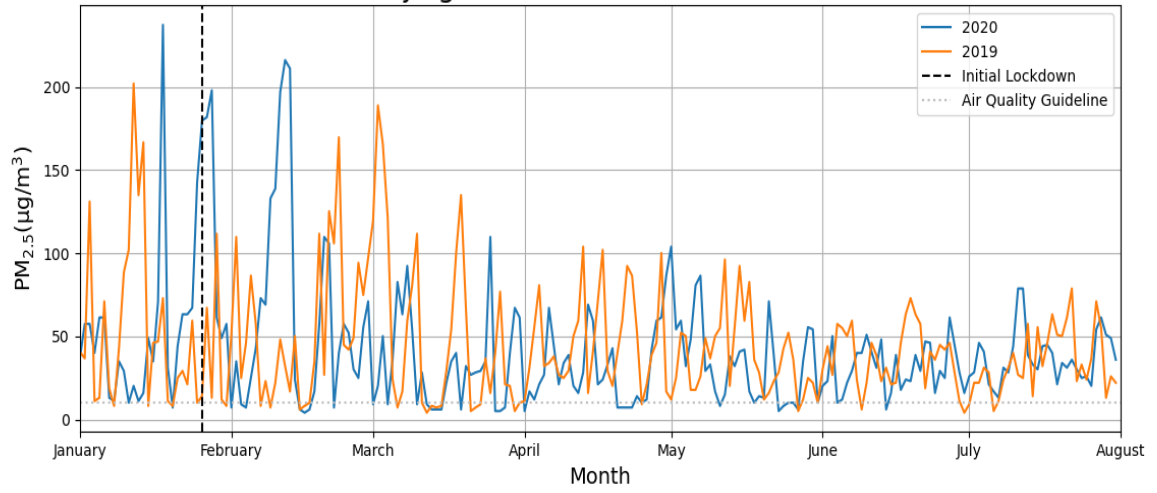


### Wuhan 2020 PM2.5 Levels

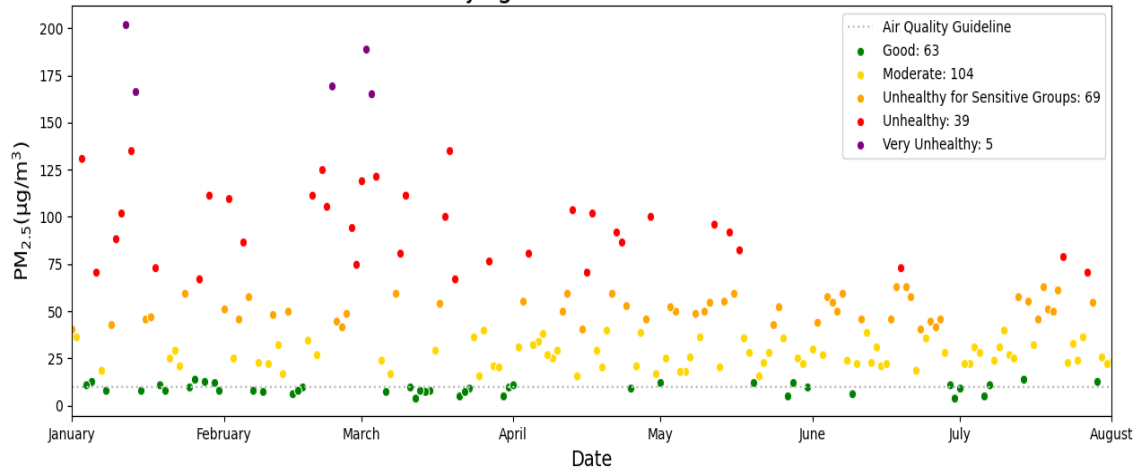




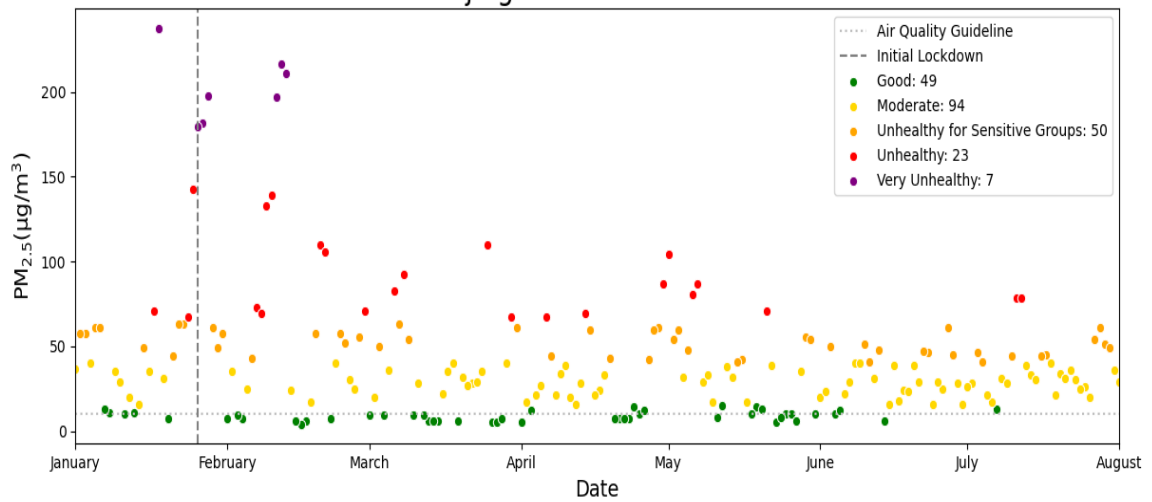
### Beijing 2020 & 2019 PM2.5 Levels



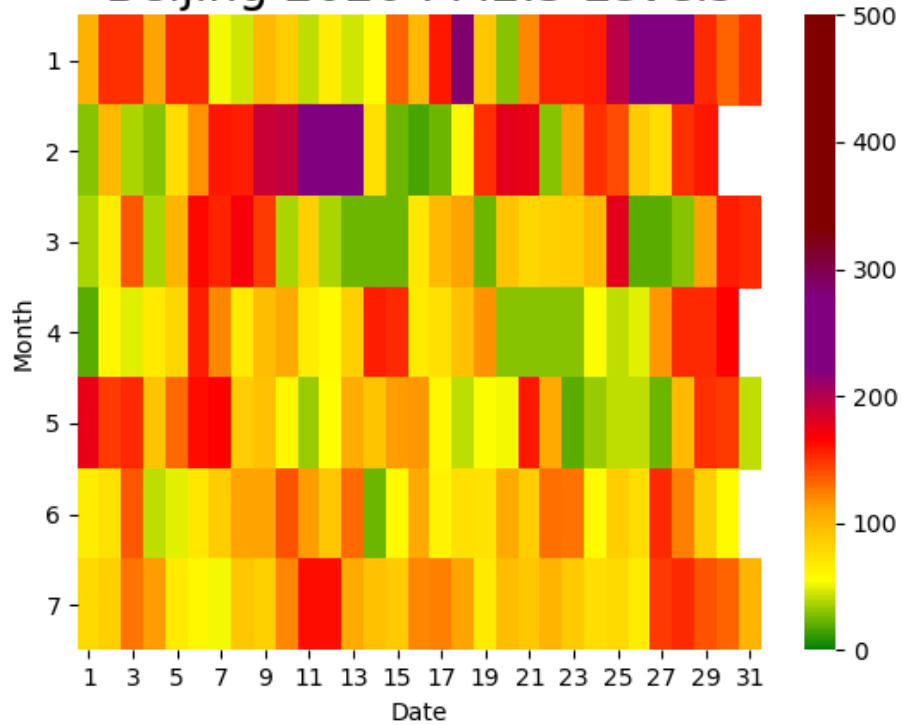
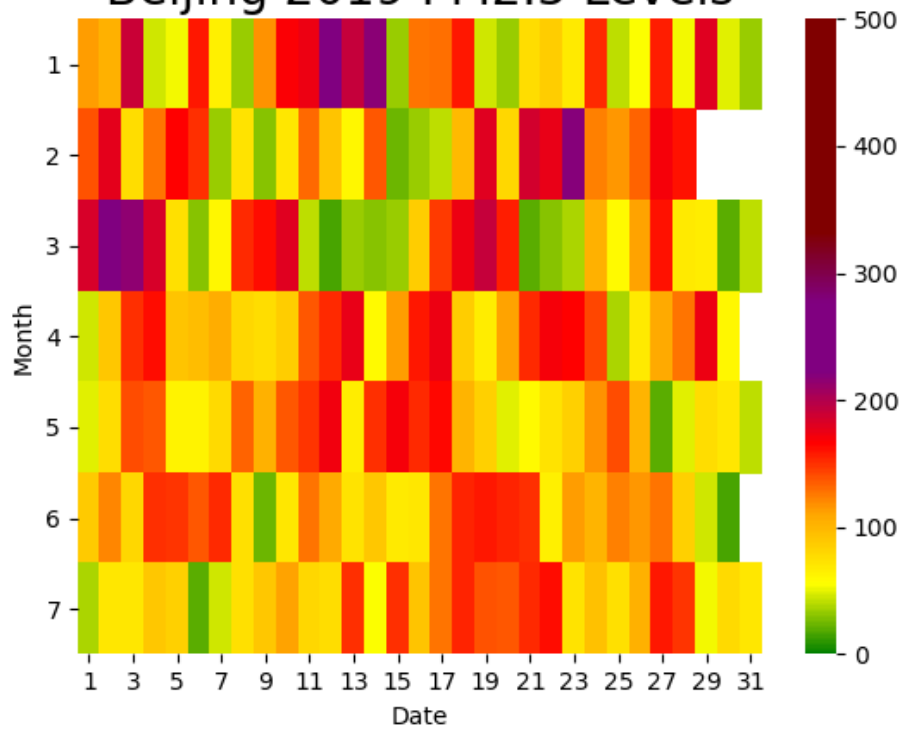
### Beijing 2019 PM2.5 Levels

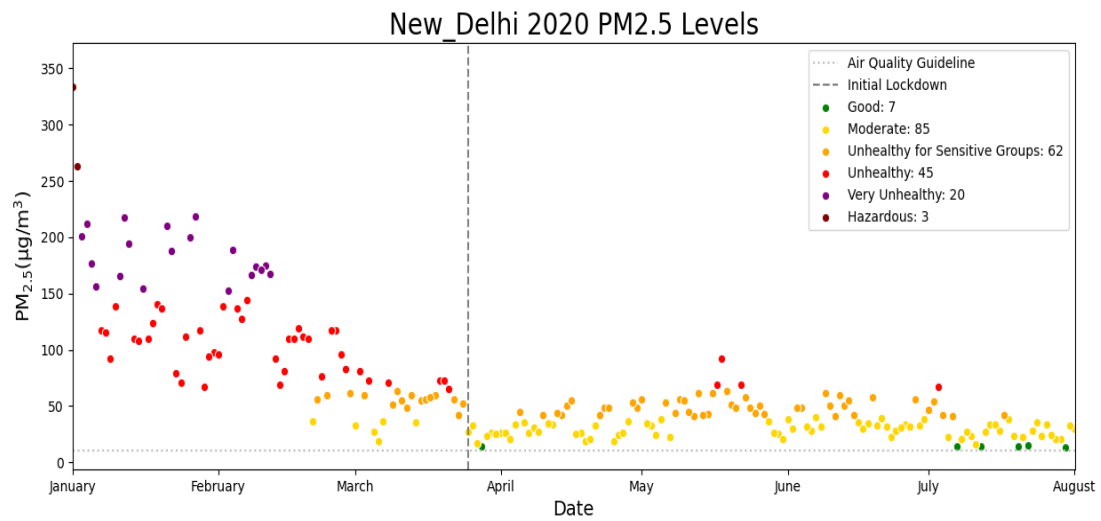
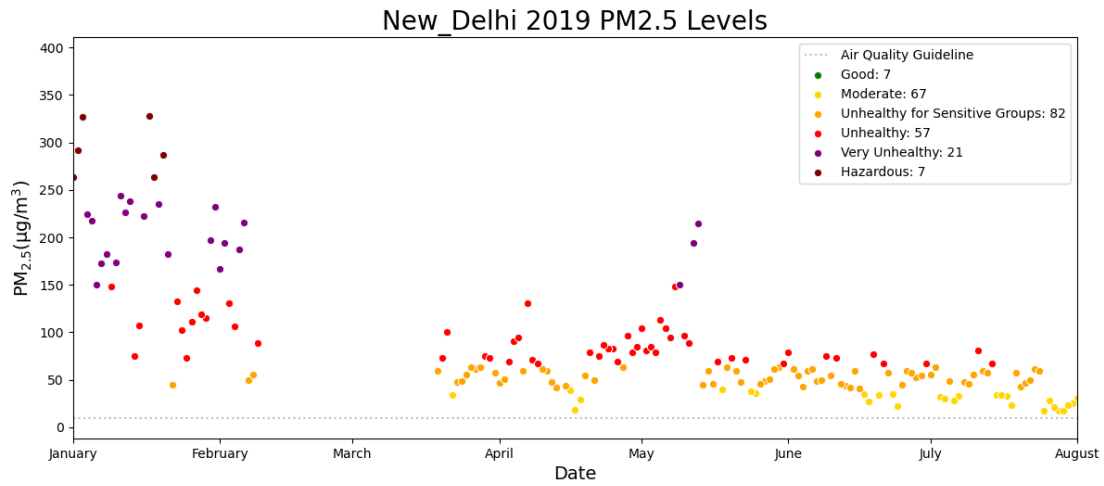
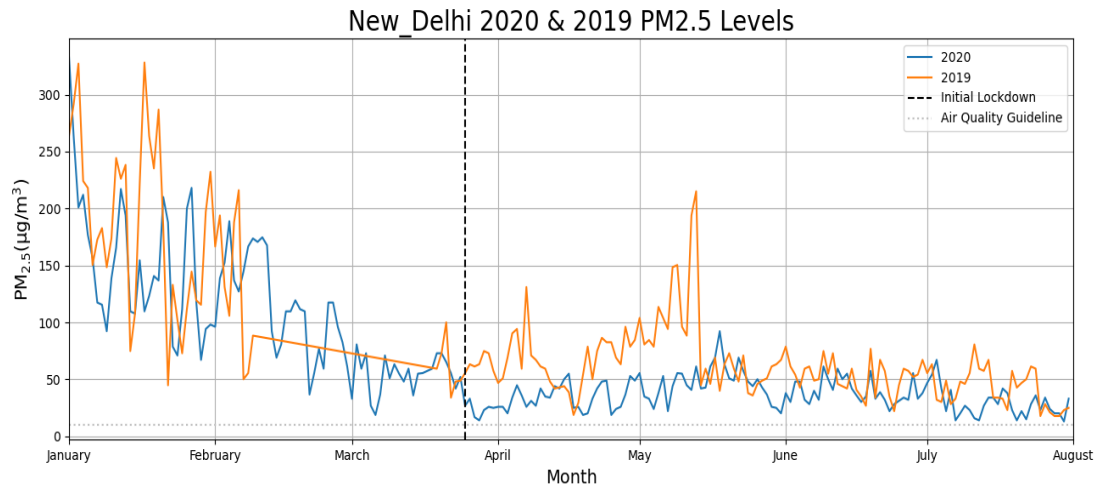


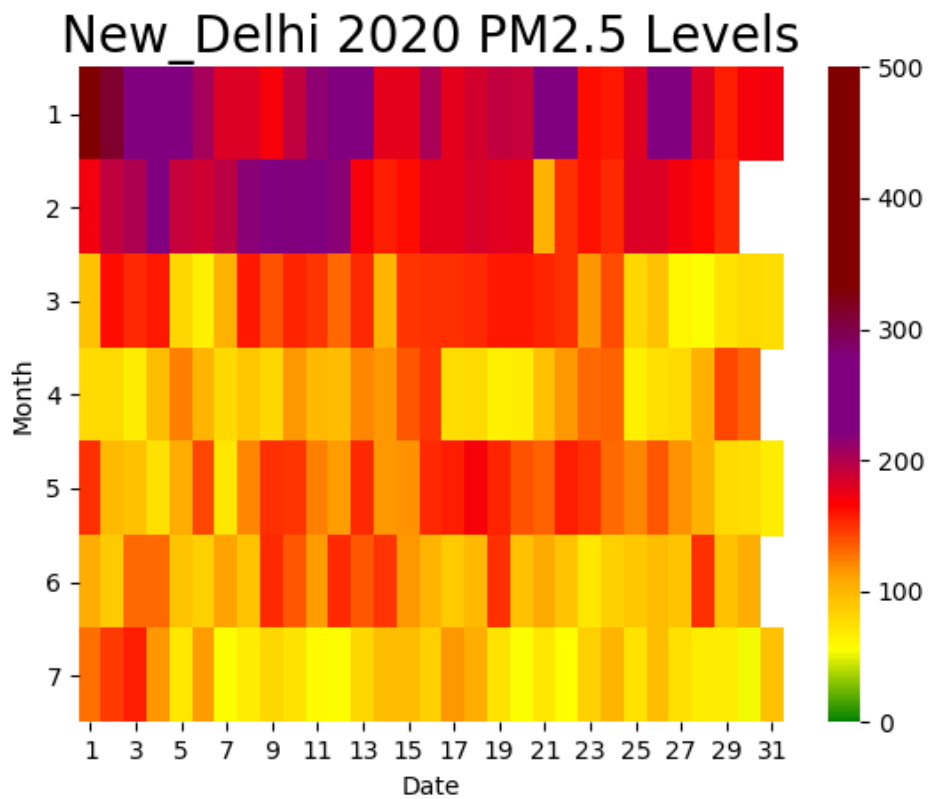
### Beijing 2020 PM2.5 Levels

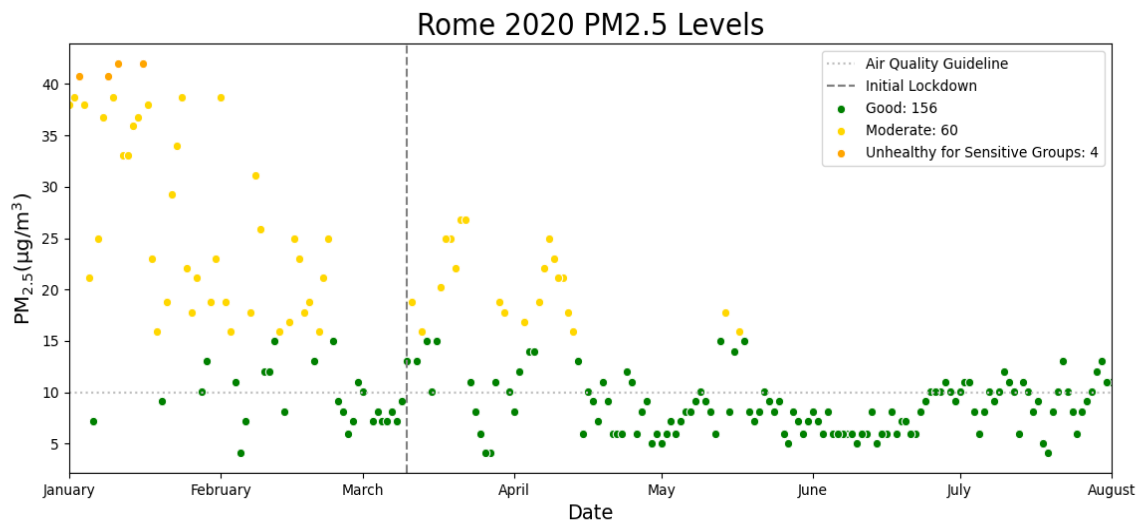
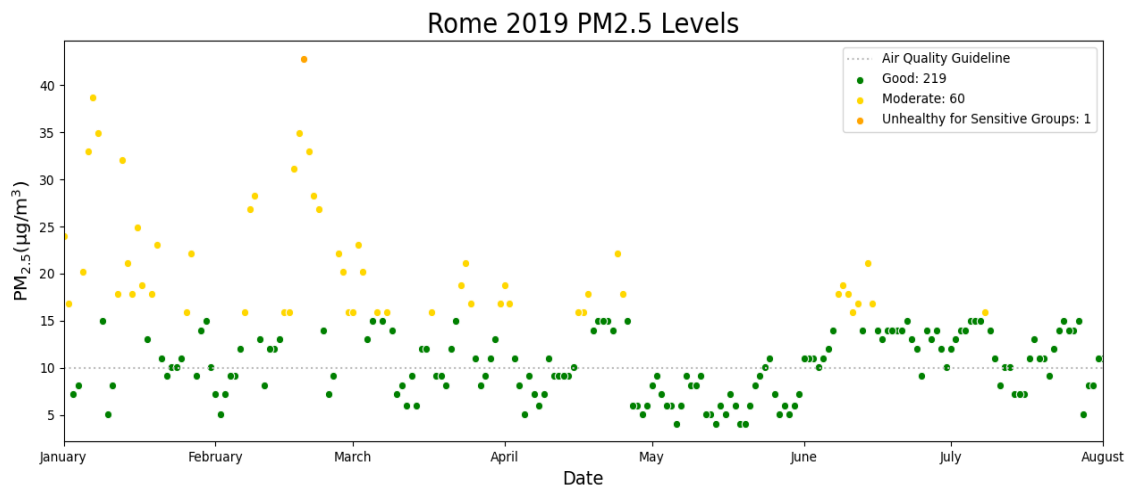
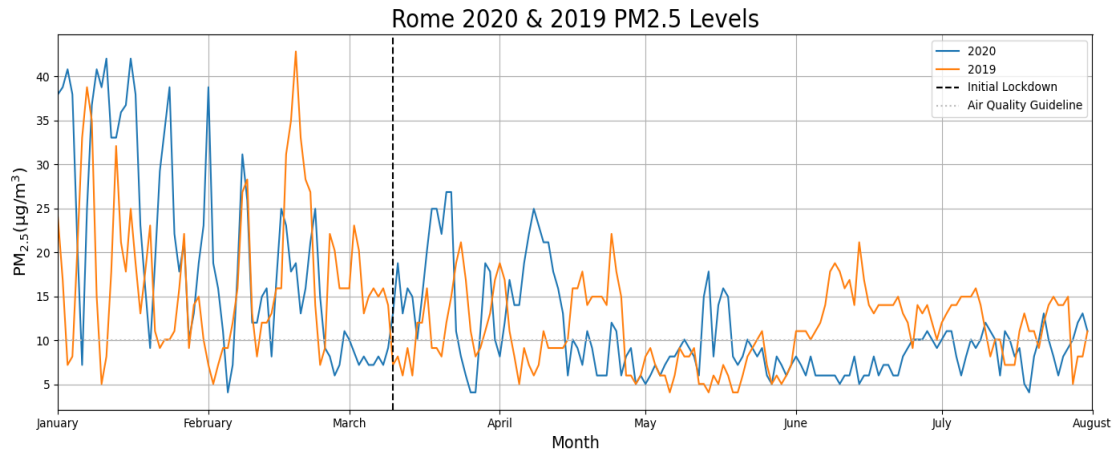


This heatmap displays the PM2.5 levels in Beijing for the first seven months of 2015. The color intensity represents the concentration of PM2.5, with a scale from 0 (green) to 500 (dark red). The data shows a clear seasonal trend, with higher concentrations (red/orange) occurring in the later months (May, June, July) and lower concentrations (green/yellow) in the earlier months (January, February, March). The highest concentrations are observed in late June and early July, reaching values above 400.

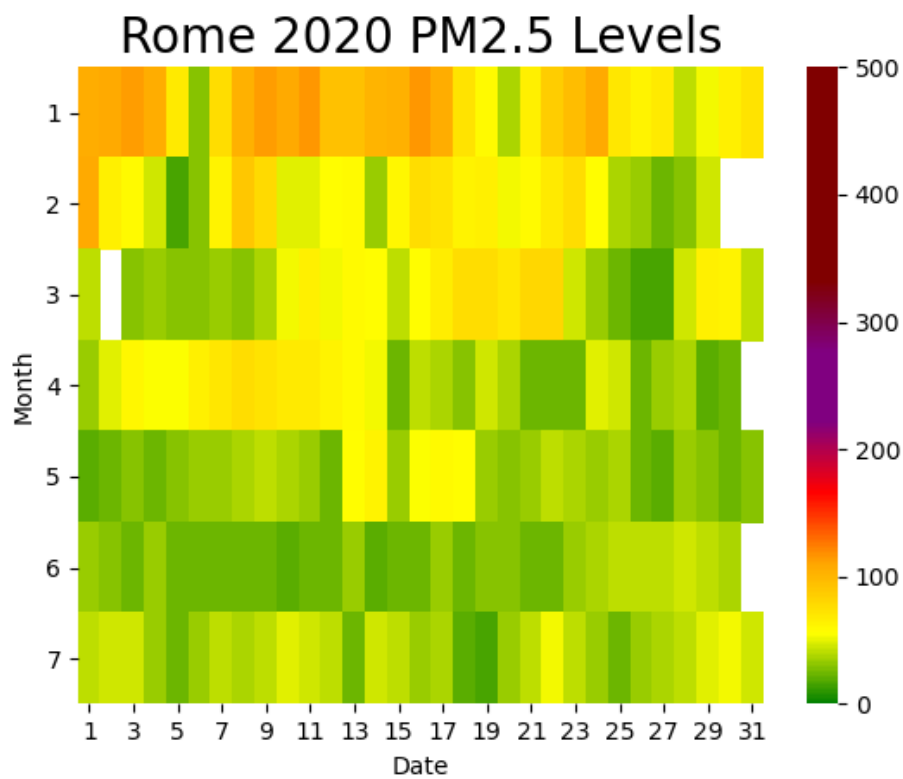






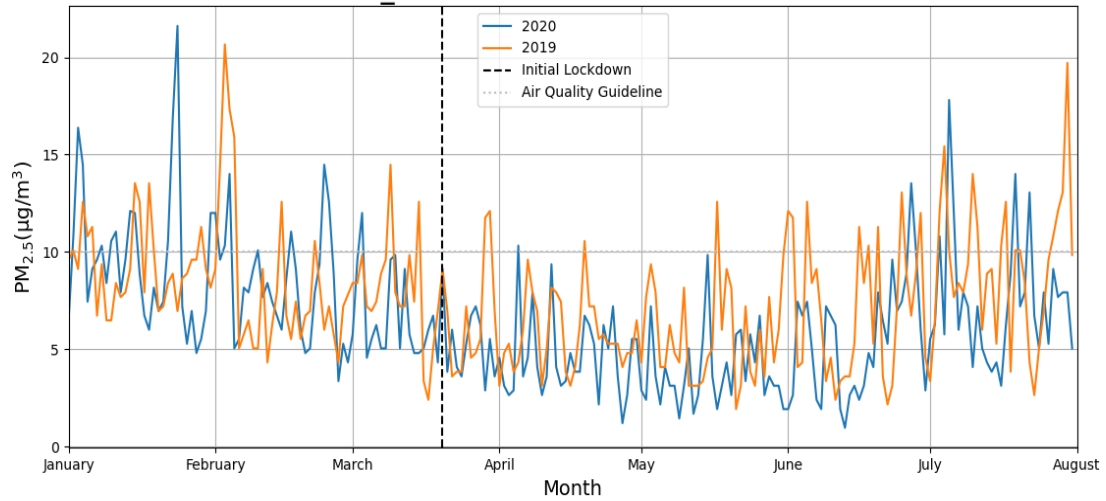


The heatmap displays field levels for 7 months (rows) and 31 dates (columns). The color scale indicates the magnitude of the field levels, ranging from 0 (dark green) to 500 (dark red). The data shows a general trend of increasing field levels over time, with higher values (yellow/orange) appearing in the later months and dates.

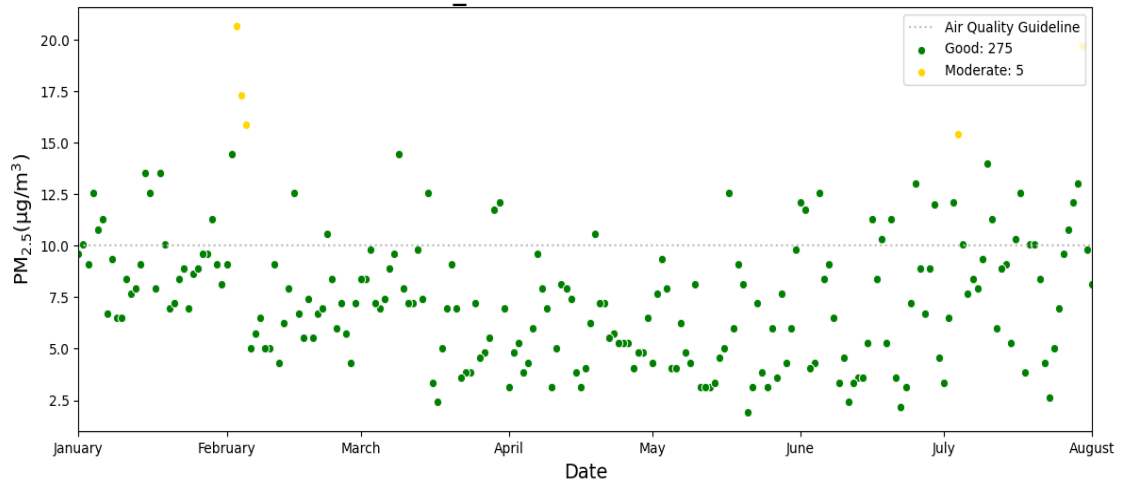




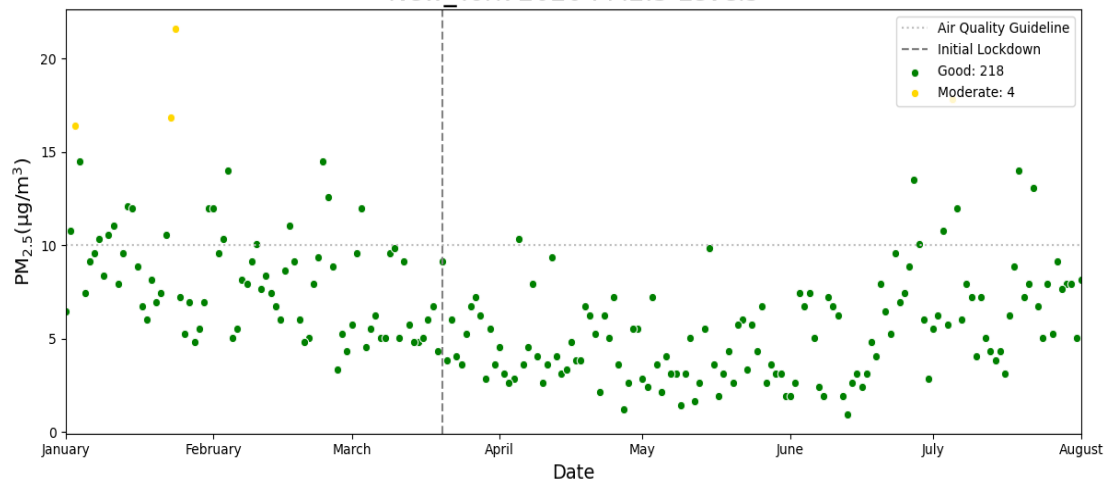
### New\_York 2020 & 2019 PM2.5 Levels

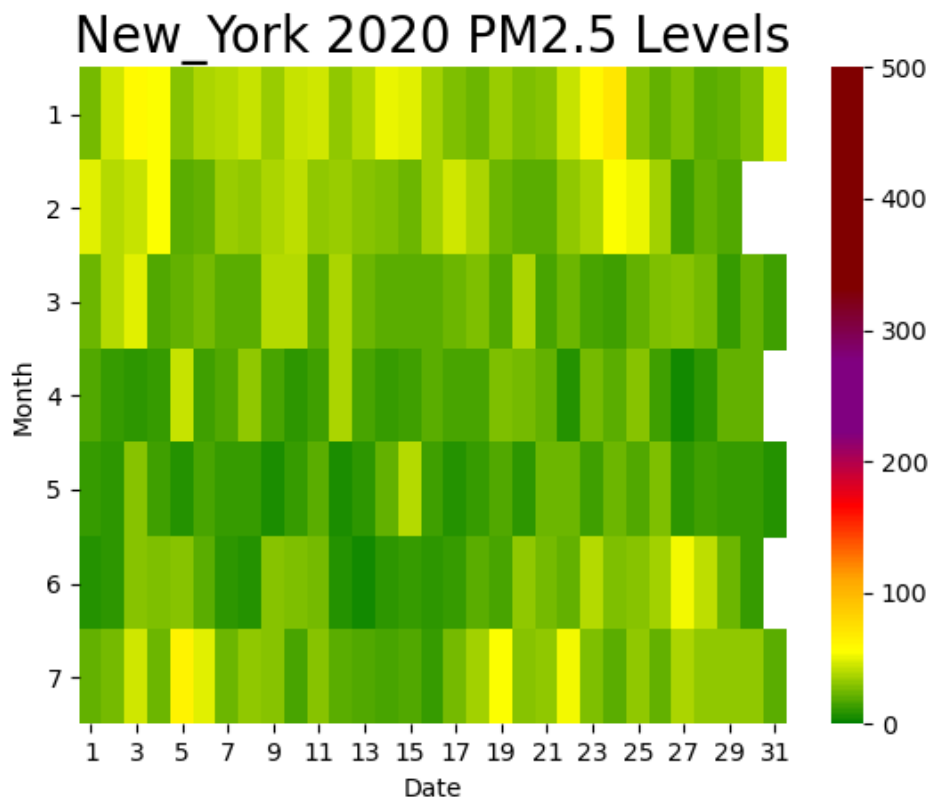


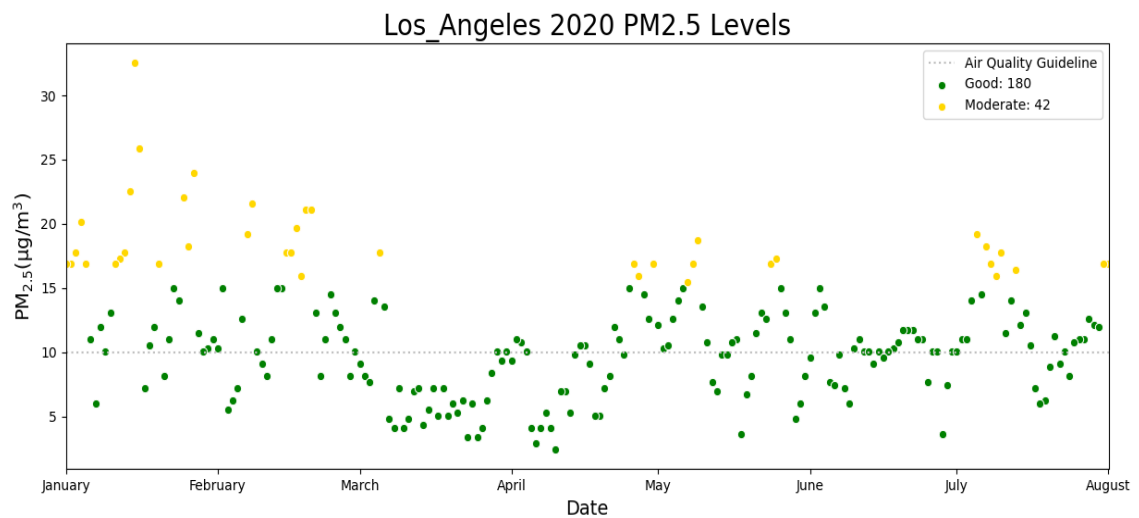
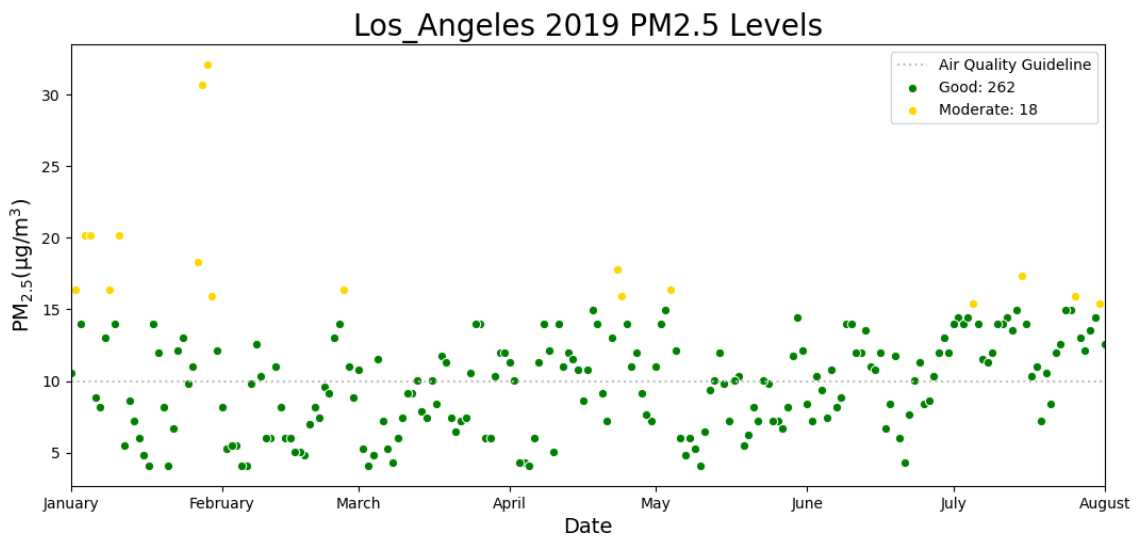
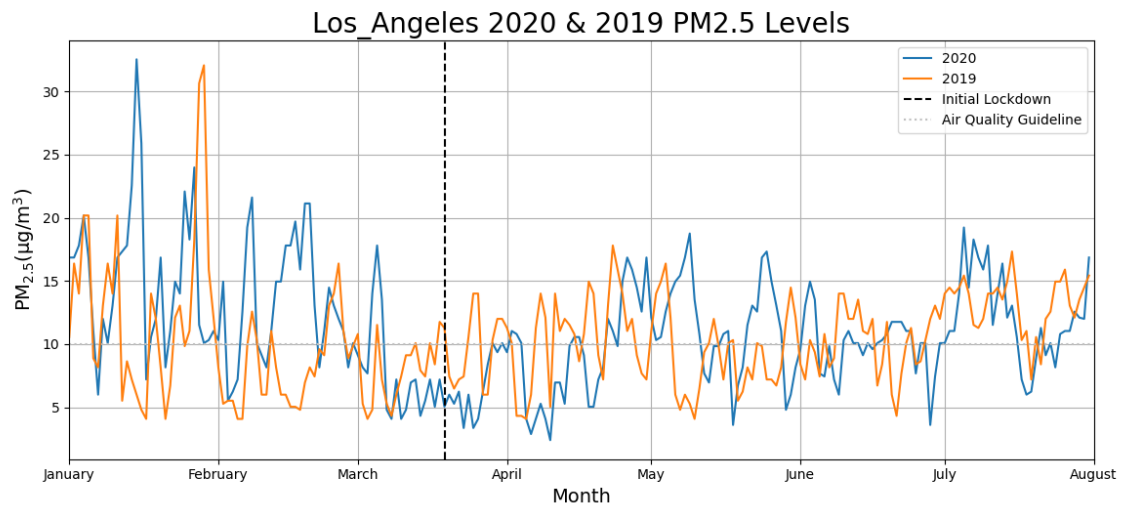
### New\_York 2019 PM2.5 Levels



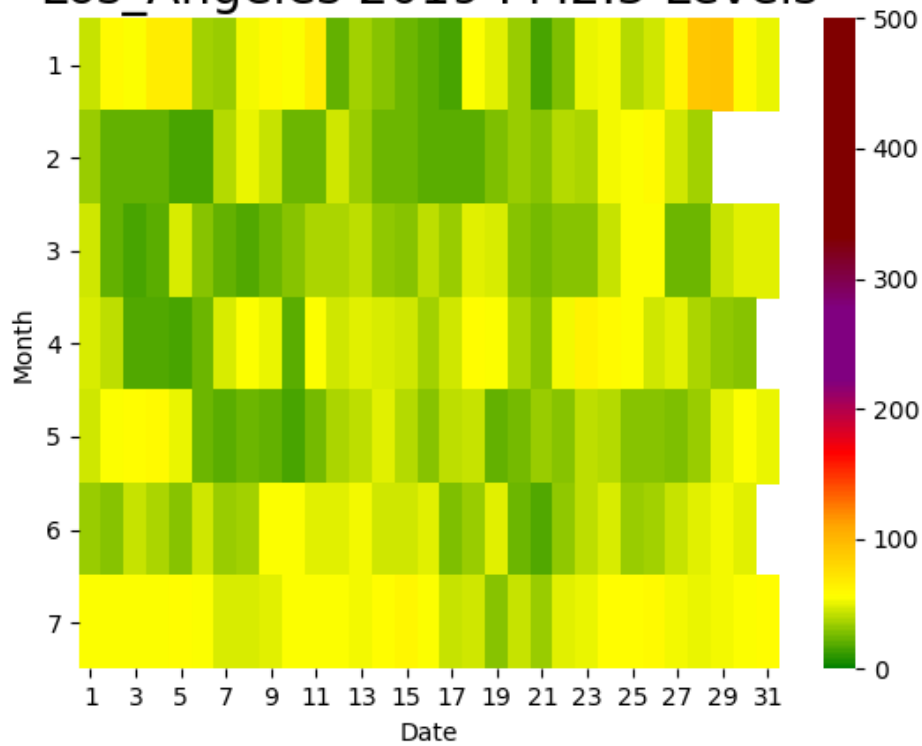
### New\_York 2020 PM2.5 Levels



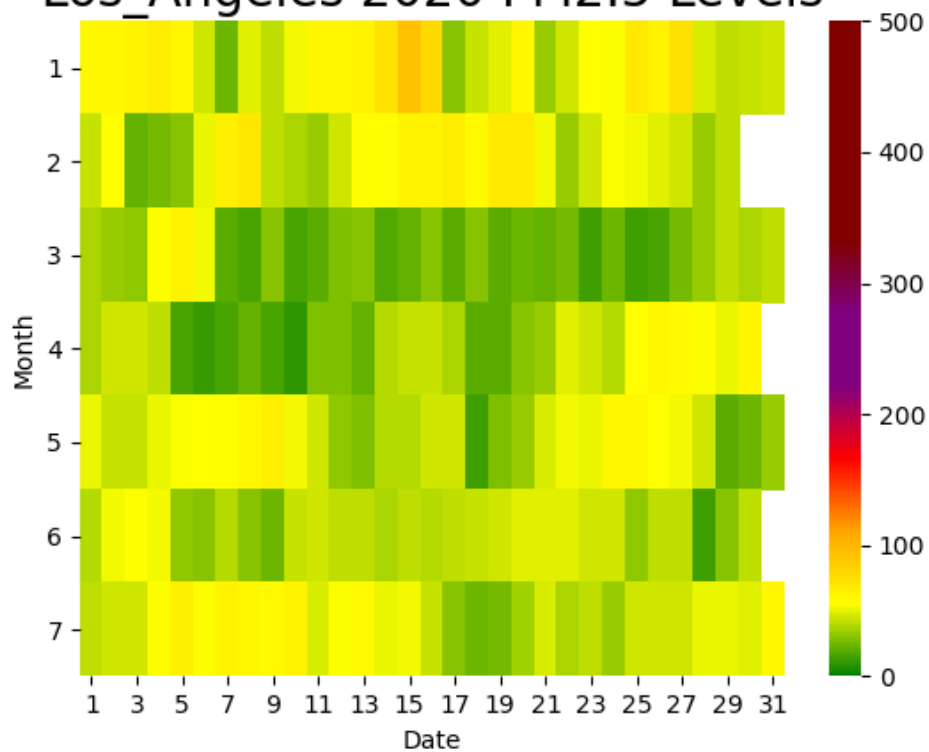




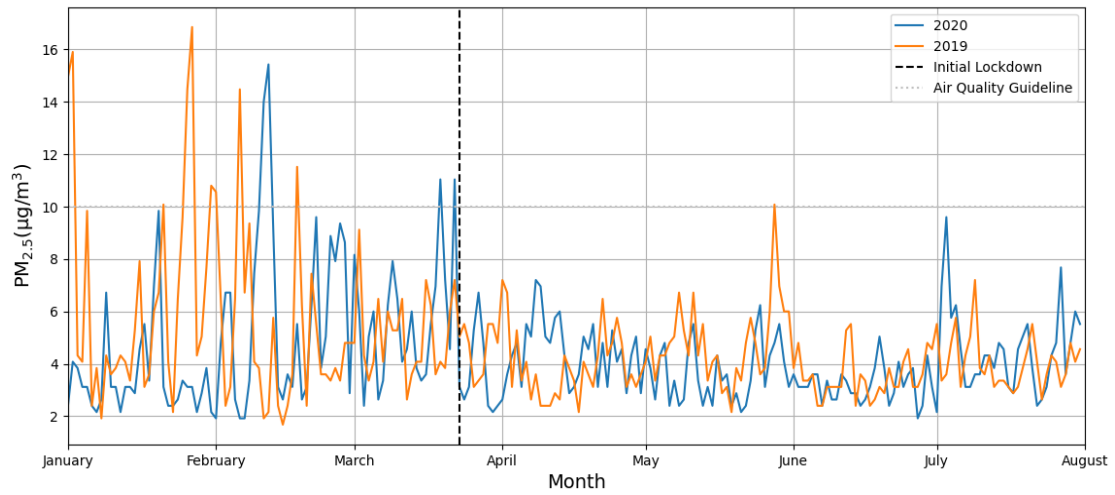
### Los\_Angeles 2019 PM2.5 Levels



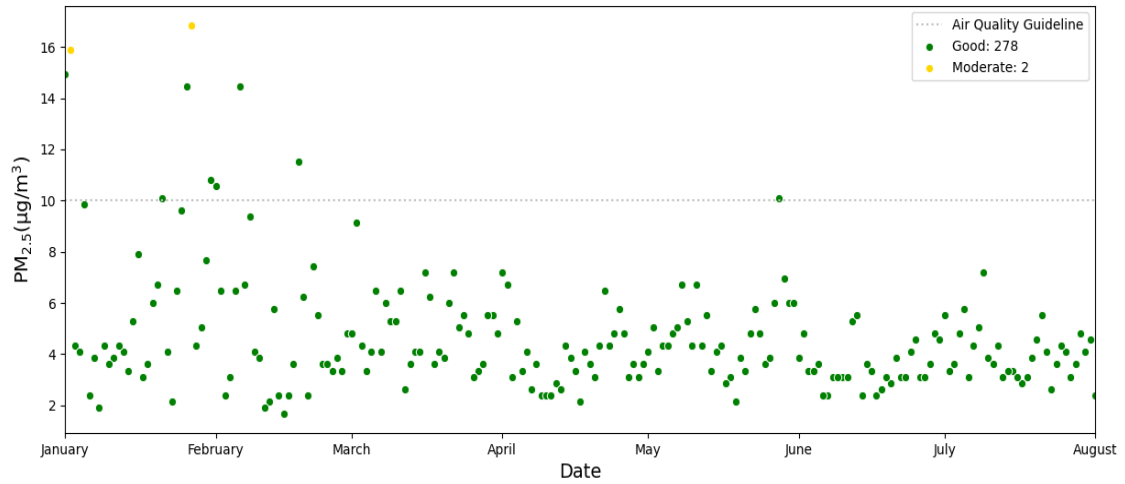
### Los\_Angeles 2020 PM2.5 Levels



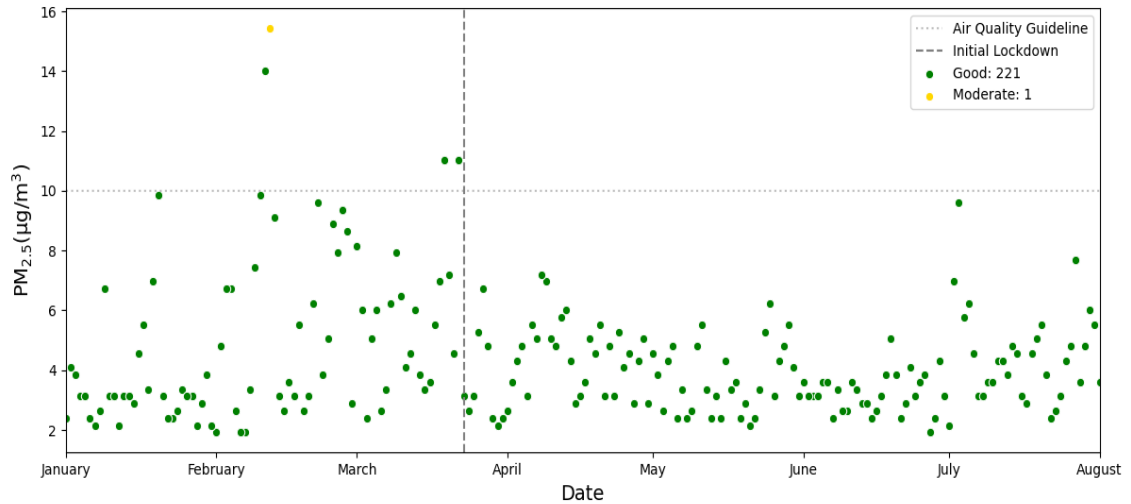
Portland 2020 & 2019 PM2.5 Levels



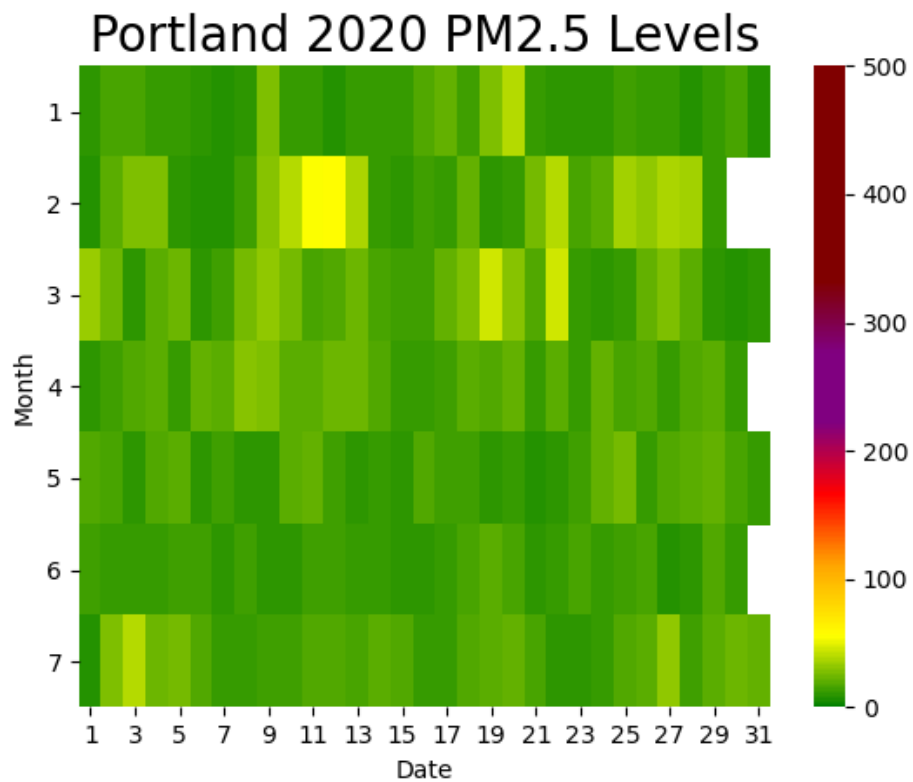
Portland 2019 PM2.5 Levels



Portland 2020 PM2.5 Levels



The heatmap displays air quality levels for Portland in 2019. The y-axis represents the month (1 to 7), and the x-axis represents the date (1 to 31). The color scale on the right indicates the air quality level, ranging from 0 (green) to 500 (dark red). The data shows that air quality is generally better (lower values, green) in the first half of the year and worsens (higher values, red) in the second half, particularly in the summer months.



**2019 vs 2020 January 1<sup>st</sup> to July 31<sup>st</sup>**

	Beijing	LA	Madrid	New Delhi	NY	Portland	Rome	Wuhan
2019	37.54	9.98	9.59	76.43	7.45	4.68	11.7	39.72
2020	35.76	10.51	9.64	49.1	6.4	4.33	11.8	31.64
Difference	-4.97%	5.04%	0.52%	-55.66%	-16.41%	-8.08%	0.85%	-25.53%