

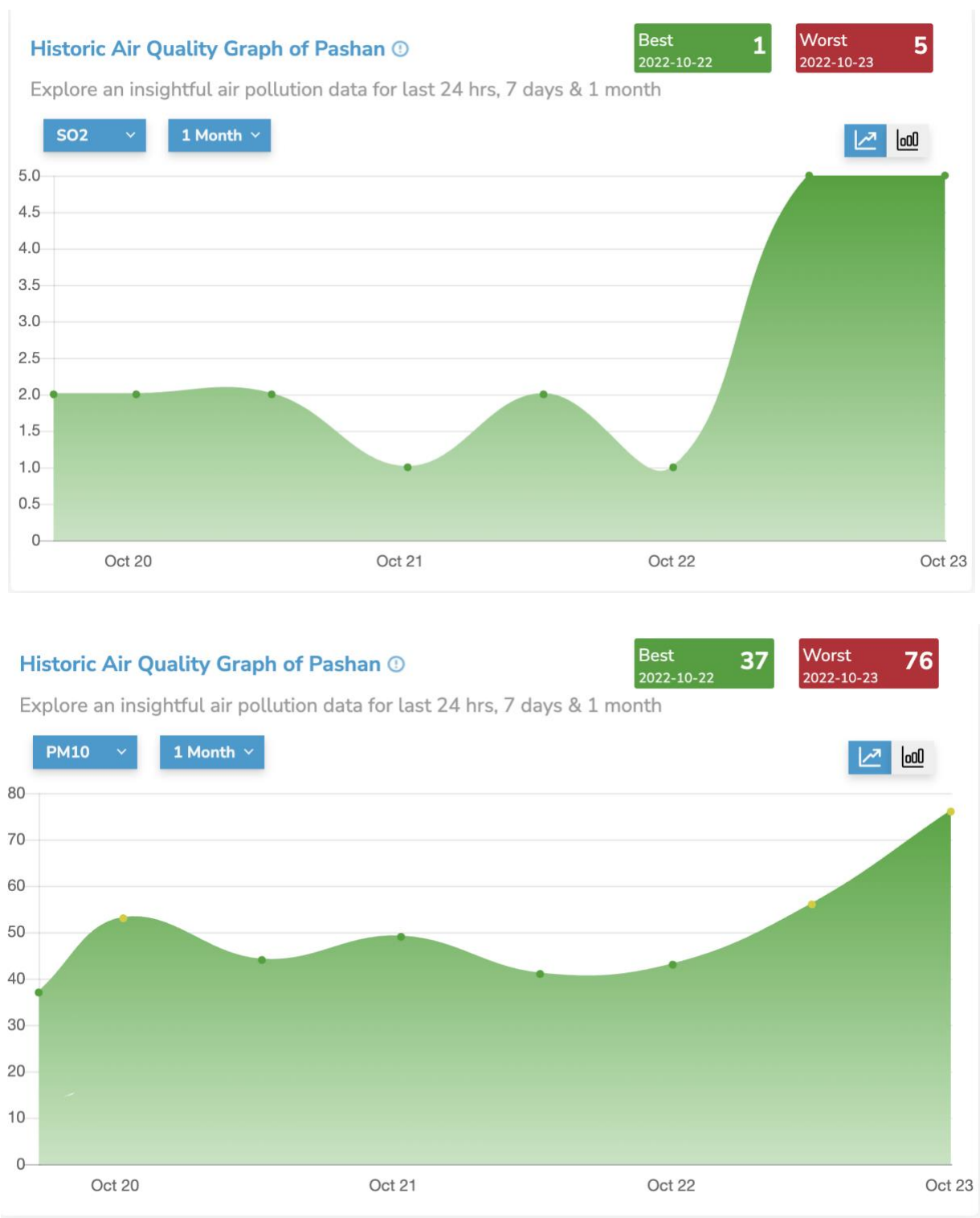
Observation at Diwali

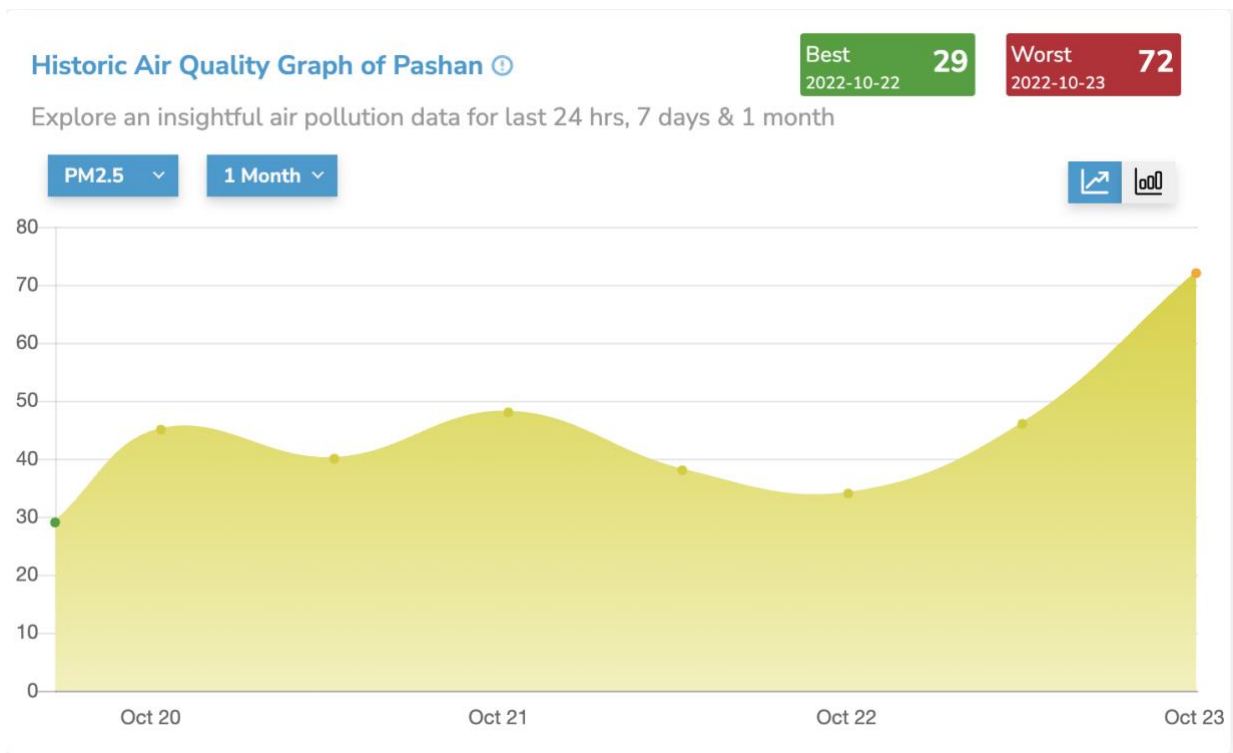
Hypothesis:

The whole analysis was based on the fact that festivals may cause air pollution and fluctuations in the Air quality index of that region.

Today is the 24th of October, today is the main day of Diwali, the most firecrackers are exploded today.

Data:





Observations:

The festival of Diwali starts around the 21st as a person residing in the area of Pashan I have a good idea of when fireworks are busted and when they aren't in terms of concentration per time.

The first few days leading up to the 23rd are pretty normal though there are some fireworks. But post Diwali the hype of fireworks still remains not as much it decreases but it is more than the days leading up to the day of Diwali.

As you can see on the chart the air pollution especially SO₂ shoots up to the sky.

This could be because of the high use of SO₂ as a cheap reducing agent in firecrackers.

28th of October 2022

