**A screen shot of a smart phone

Description automatically generated**

**Fig. S1. The first 5 rows of the dataset**

**A picture containing road, text, sitting, screen

Description automatically generated**

**Fig. S2. Descriptive statistics about the dataset**

**A close up of text on a black background

Description automatically generated**

**Fig. S3. Information about the dataset**

A close up of a logo

Description automatically generated A close up of a logo

Description automatically generated

**Fig. S4. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 100 epochs**

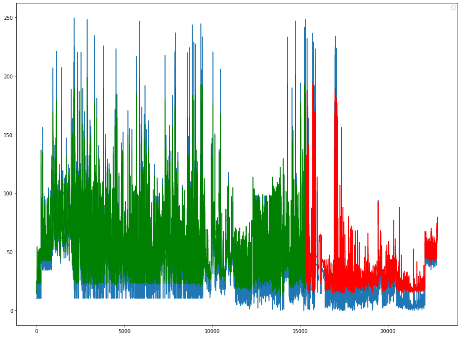
**A close up of a logo

Description automatically generatedA close up of a logo

Description automatically generated**

**Fig. S5. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 1000 epochs**

A close up of a logo

Description automatically generated 

**Fig. S6. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 100 epochs**

A picture containing brush

Description automatically generatedA close up of a logo

Description automatically generated

**Fig. S7. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 1000 epochs**

A picture containing brush

Description automatically generated A close up of a logo

Description automatically generated

**Fig. S8. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 100 epochs**

A close up of a logo

Description automatically generatedA close up of a logo

Description automatically generated

**Fig. S9. (a) PM2.5 values vs Time (b) Comparison of observed vs predicted PM 2.5 values trained for 1000 epochs**