Toronto_60410_2018/Toronto_60410_2018_Day2to8.csv

The results below are what the student results should look like for
the Toronto_60410_2018/Toronto_60410_2018_Day2to8.csv dataset
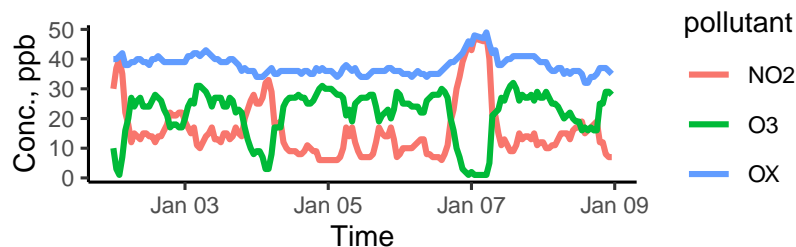used in CHM 135 Experiment 1.

Figure 1: Time series of pollutant
concentration. There shouldn't be
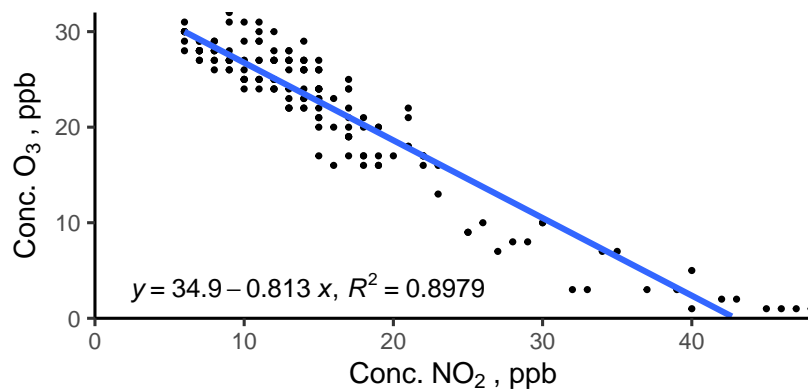a linear regression on this plot, if
students have done so please note it.

$$y = 34.9 - 0.813\, x,\ R^2 = 0.8979$$

Figure 2: Correlation plot of O3
vs. NO2; the equation of the line is
displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	16.0	9.1	14	6	48
O3	21.9	7.8	24	1	32
OX	37.9	3.0	37	32	49
NO2_8hr	15.8	7.7	14	6	44
O3_8hr	22.1	6.5	24	2	30
OX_8hr	37.9	2.8	36	34	46

Table 1: Summary statistics for 1 hr
and 8hr concentration of pollutants,
all concentrations are in ppb.

Notes on results:

Students are **not** expected to calculate *mean, sd*, and *median* of 8 hr
averages. If student *sd* values differ slightly from provided *sd* values,

they may have used the $STDEV.P$ funcation rather than $STDEV.S$ in Excel calculations. Do not substract points, but make a note of it.