**Predicting Carbon Monoxide Using the concentration of other gases**

Carbon Monoxide is increasing day by day and is impacting our health.

Hence, government decided to monitor CO levels of a factory or region by analysing its several features thereby taking countermeasures to reduce CO levels in a region.

Our task is to create a predictive model that can predict CO level based on other parameters.

The Data given here is from March 2004 to February 2005 (one year)

* Date (DD/MM/YYYY)
* Time (HH.MM.SS)
* True hourly averaged concentration CO in mg/m^3 (reference analyzer)
* PT08.S1 (tin oxide) hourly averaged sensor response (nominally CO targeted)
* True hourly averaged overall Non Metanic HydroCarbons concentration in microg/m^3 (reference analyzer)
* True hourly averaged Benzene concentration in microg/m^3 (reference analyzer)
* PT08.S2 (titania) hourly averaged sensor response (nominally NMHC targeted)
* True hourly averaged NOx concentration in ppb (reference analyzer)
* PT08.S3 (tungsten oxide) hourly averaged sensor response (nominally NOx targeted)
* True hourly averaged NO2 concentration in microg/m^3 (reference analyzer)
* PT08.S4 (tungsten oxide) hourly averaged sensor response (nominally NO2 targeted)
* PT08.S5 (indium oxide) hourly averaged sensor response (nominally O3 targeted)
* Temperature in Â°C
* Relative Humidity (%)
* AH Absolute Humidity