**Report:**

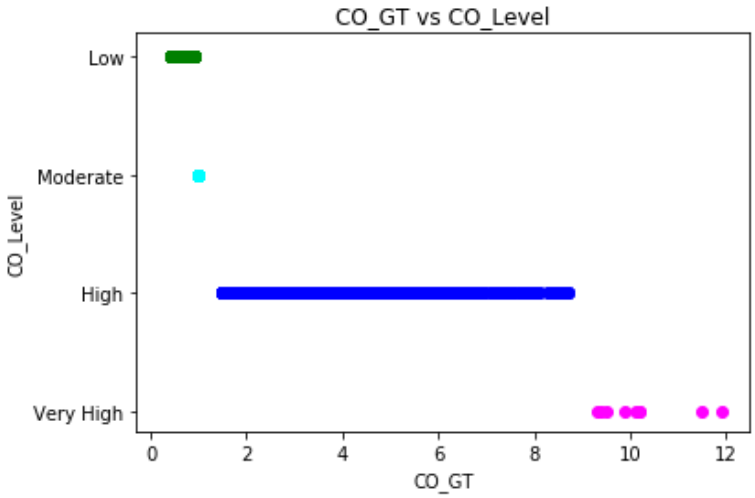
The following report contains the data plots of all the dependent variables against CO level and alsom a plot between two dependent variables: NOX_GT vs NO2_GT.

The legends can be understood by the following :

colors={'Very low':'red','Low':'green','Moderate':'cyan','High':'blue','Very High':'magenta'}

1. *#Plotting CO_GT vs CO_level*

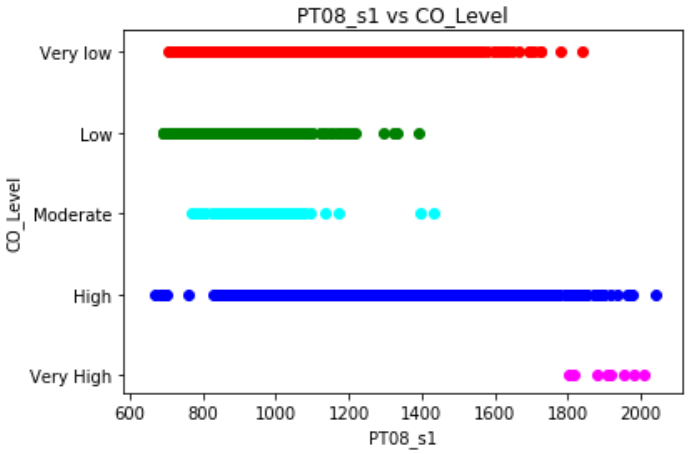
   O/P:




   CO_gt_.min()=0.4
   CO_gt_.max()=11.9

2. *#Plotting PT08_S1 vs CO_level*

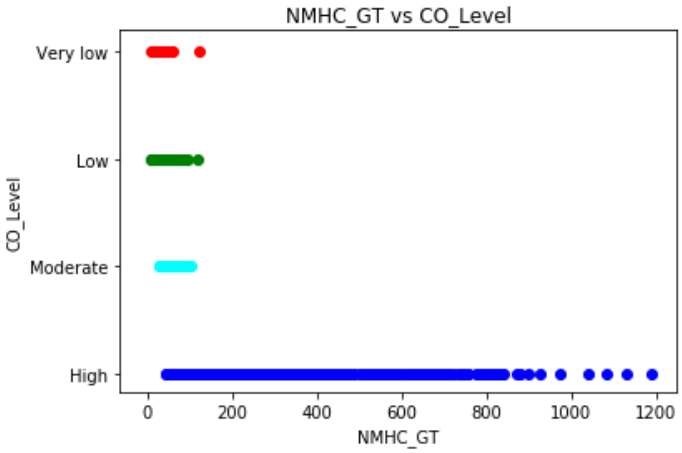
   PT08_S1.min()=667
   PT08_s1.max()=2040




O/P:

3. *#Plotting NMHC_GT vs CO_level*

O/P:




NMHC_GT.min()=7

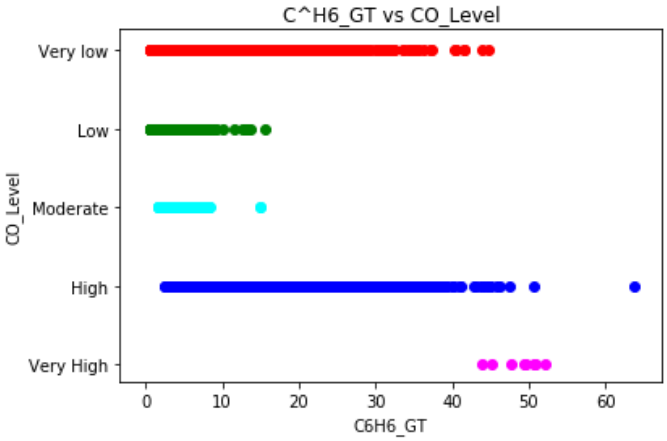
NMHC_GT.max()=1189

4. *#Plotting C6H6_GT vs CO_level*

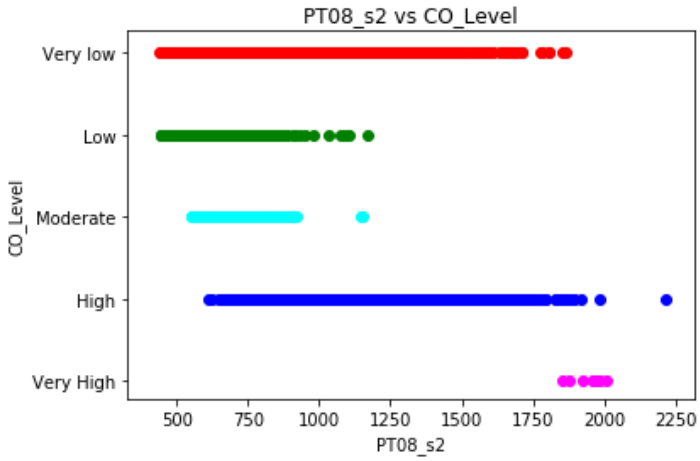
C6H6_GT.min()=0.5

C6H6_GT.max()=63.7

O/P:




5. *#Plotting PT08_s2 vs CO_level*




O/P:

PT08_S2.min()=437

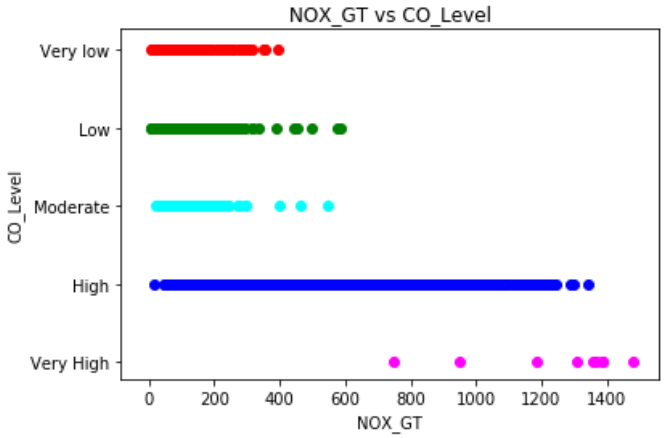
PT08_S2.max()=2214

6. *#Plotting NOX_GT vs CO_level*

NOX_GT.min()=4

NOX_GT.max()=1479

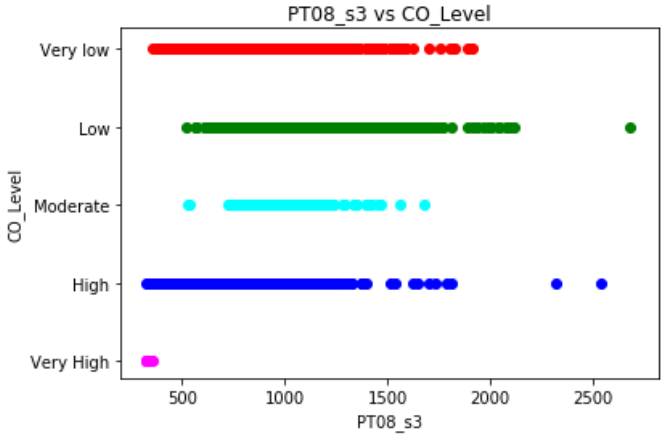
O/P:




7. *#Plotting PT08_s3 vs CO_level*

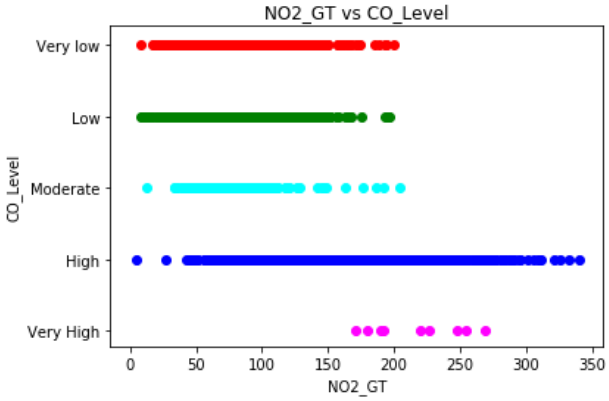
PT08_S3.min()=322
PT08_S3.max()=2683

O/P:




8. *#Plotting NO2_GT vs CO_level*

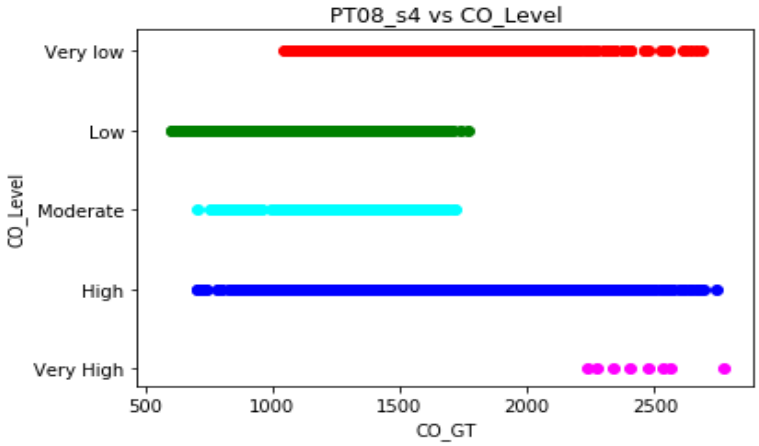
NO2_GT.min()=5
NO2_GT.max()=340
O/P:



9. *#Plotting PT08_s4 vs CO_level*

PT08_S4.min()=601
PT08_S4.max()=2775

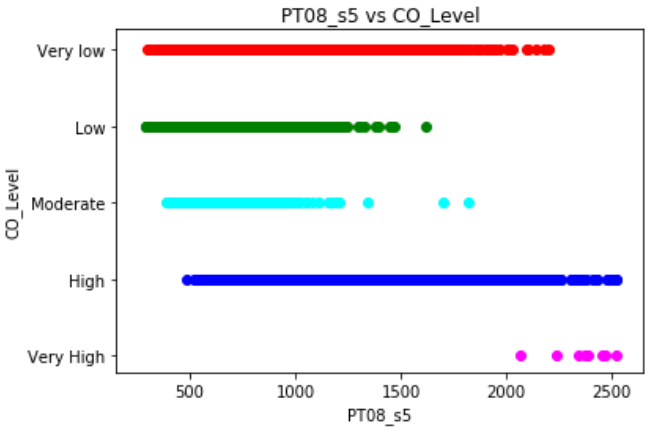
O/P:




10. *#Plotting PT08_s5 vs CO_level*

PT08_S5.min()=289
PT08_S5.max()=2523

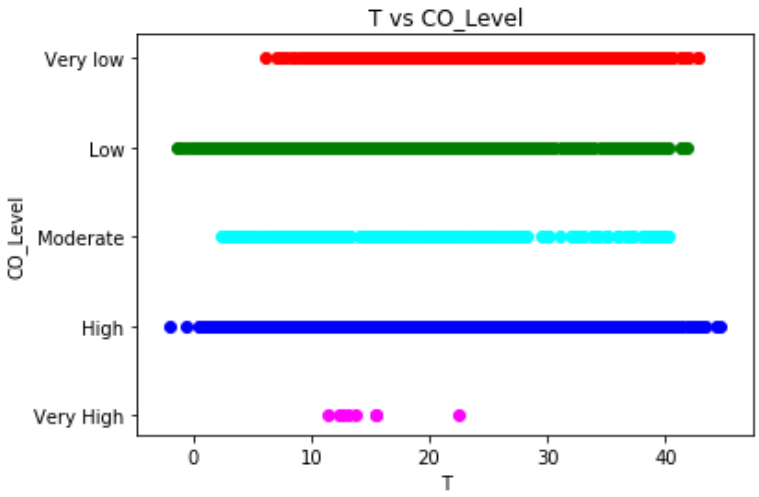
O/P:




11. *#Plotting T vs CO_level*

T.min()=-1.9
T.max()=44.6

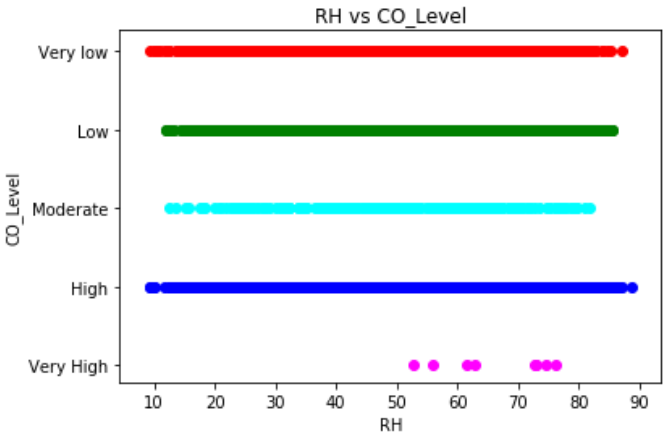
O/P:




12. *#Plotting RH vs CO_level*

RH.min()=9.2
RH.max()=88.7

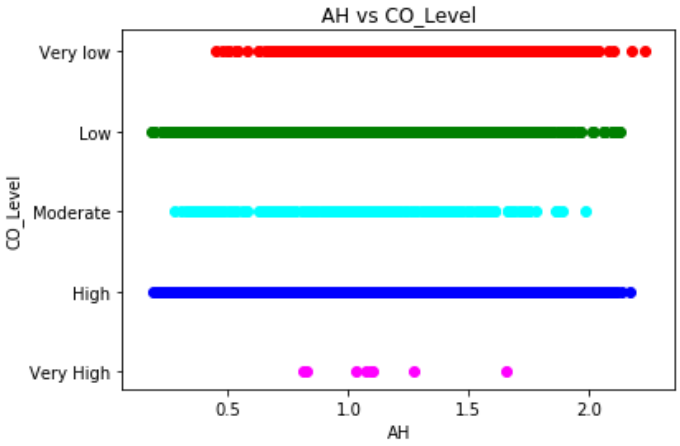
O/P:




13. *#Plotting AH vs CO_level*

AH.min()=0.1847
AH.max()=2.231

O/P:




*14. #Plotting NOX_GT vs NO2_GT*

O/P: