AT V AP RH PE

0 8.34 40.77 1010.84 90.01 480.48

1 23.64 58.49 1011.40 74.20 445.75

2 29.74 56.90 1007.15 41.91 438.76

3 19.07 49.69 1007.22 76.79 453.09

4 11.80 40.66 1017.13 97.20 464.43

AT V AP RH PE

count 9568.000000 9568.000000 9568.000000 9568.000000 9568.000000

mean 19.651231 54.305804 1013.259078 73.308978 454.365009

std 7.452473 12.707893 5.938784 14.600269 17.066995

min 1.810000 25.360000 992.890000 25.560000 420.260000

25% 13.510000 41.740000 1009.100000 63.327500 439.750000

50% 20.345000 52.080000 1012.940000 74.975000 451.550000

75% 25.720000 66.540000 1017.260000 84.830000 468.430000

max 37.110000 81.560000 1033.300000 100.160000 495.760000

Estimated Intercept is 445.82078717523603

Coefficients of the model: [-1.95929811 -0.23889739 0.0705739 -0.15653738]

features coefficients

0 AT -1.959298

1 V -0.238897

2 AP 0.070574

3 RH -0.156537

Mean Absolute Error: 3.590596517952576

Mean Squared Error: 19.179297445646828

Root Mean Squared Error: 4.379417477889819

Variance score:0.93

