```
Constant: 137.9776,
                                              fixedacidity: 0.0606,
                                             volatileacidity: -0.1864,
                                                 citricacid: 0.0,
                                             residualsugar: 0.0782,
                                               chlorides: -0.0002,
                                            freesulfurdioxide: 0.0336,
                                           totalsulfurdioxide: 0.0047,
                                               density: -13.7981,
                                                  pH: 0.5976,
                                               sulphates: 0.0734,
                                                 alcohol: 0.2157
                  Constant: 163.6715,
                                              Constant: 149.4158,
                                                                           Constant: 144.1099,
                 fixedacidity: 0.1532,
                                              fixed acidity: 0.077,
                                                                           fixed acidity: -0.0179,
                volatileacidity: -0.2422,
                                            volatile acidity: -0.1994,
                                                                         volatileacidity: -0.2015,
                  citricacid: -0.0492,
                                               citric acid: -0.0151,
                                                                            citricacid: 0.0016,
                 residualsugar: 0.1201,
                                             residual sugar: 0.0874,
                                                                          residualsugar: 0.0788,
                   chlorides: 0.0151,
                                               chlorides: -0.0053,
                                                                            chlorides: -0.0109,
               freesulfurdioxide: 0.0357,
                                           free sulfur dioxide: 0.034,
                                                                        freesulfurdioxide: -0.0006,
              totalsulfurdioxide: -0.0402 total sulfur dioxide: 0.0008 totalsulfurdioxide: 0.1472,
                                                                            density: -14.2132,
                   density: -16.4594,
                                               density: -14.9676,
                      pH: 0.9218,
                                                  pH: 0.7218,
                                                                                pH: 0.254,
                   sulphates: 0.0656,
                                               sulphates: 0.0832,
                                                                            sulphates: 0.0631,
                    alcohol: 0.2446
                                                 alcohol: 0.1879
                                                                              alcohol: 0.0958
    Constant: 54.6588,
                                Constant: 143.3832,
                                                            Constant: 128.5548,
                                                                                          Constant: -24.5402,
   fixedacidity: 0.1789,
                                 fixed acidity: 0.1,
                                                            fixed acidity: 0.0215,
                                                                                         fixedacidity: -0.1463,
  volatileacidity: -0.1928,
                              volatile acidity: -0.2465,
                                                           volatile acidity: -0.1853,
                                                                                        volatileacidity: -0.131,
    citricacid: 0.0119,
                                citric acid: -0.0494,
                                                             citric acid: 0.0001,
                                                                                           citricacid: 0.0188,
  residualsugar: 0.0411,
                               residual sugar: 0.1102,
                                                            residual sugar: 0.072,
                                                                                         residualsugar: 0.0045,
    chlorides: -0.0103,
                                 chlorides: 0.0264,
                                                             chlorides: -0.0055,
                                                                                          chlorides: -0.0063,
                            free sulfur dioxide: 0.0271
                                                                                      freesulfurdioxide: -0.0212,
 freesulfurdioxide: 0.1095,
                                                         free sulfur dioxide: 0.0121.
totalsulfurdioxide: -0.1077 total sulfur dioxide: 0.0439 total sulfur dioxide: 0.1123 totalsulfurdioxide: -0.0639,
                                 density: -14.3909,
                                                              density: -12.7187,
     density: -5.1495,
                                                                                           density: 2.9742,
       pH: 0.2144,
                                    pH: 0.7204,
                                                                 pH: 0.2573,
                                                                                             pH : -0.3176,
    sulphates : -0.0102,
                                 sulphates: 0.0578,
                                                              sulphates: 0.0627,
                                                                                          sulphates: 0.0236,
      alcohol: 0.2614
                                  alcohol: 0.3059
                                                                                            alcohol: 0.1194
                                                               alcohol: 0.1453
                                                                                            Constant: 0.01,
                                                                                         fixed acidity: -0.0142,
                                                                                       volatile acidity: -0.0059,
                                                                                          citric acid: 0.0067,
```

Figure 1: coefficient plot

residual sugar: 0.0054, chlorides: -0.0445, free sulfur dioxide: -0.0327, total sulfur dioxide: -0.009, density: 0.461, pH: 0.0676, sulphates: 0.0018, alcohol: -0.0451