1. symboling: -3, -2, -1, 0, 1, 2, 3.  
2. normalized-losses: continuous from 65 to 256.  
3. make:  
alfa-romero, audi, bmw, chevrolet, dodge, honda,  
isuzu, jaguar, mazda, mercedes-benz, mercury,  
mitsubishi, nissan, peugot, plymouth, porsche,  
renault, saab, subaru, toyota, volkswagen, volvo  
  
4. fuel-type: diesel, gas.  
5. aspiration: std, turbo.  
6. num-of-doors: four, two.  
7. body-style: hardtop, wagon, sedan, hatchback, convertible.  
8. drive-wheels: 4wd, fwd, rwd.  
9. engine-location: front, rear.  
10. wheel-base: continuous from 86.6 120.9.  
11. length: continuous from 141.1 to 208.1.  
12. width: continuous from 60.3 to 72.3.  
13. height: continuous from 47.8 to 59.8.  
14. curb-weight: continuous from 1488 to 4066.  
15. engine-type: dohc, dohcv, l, ohc, ohcf, ohcv, rotor.  
16. num-of-cylinders: eight, five, four, six, three, twelve, two.  
17. engine-size: continuous from 61 to 326.  
18. fuel-system: 1bbl, 2bbl, 4bbl, idi, mfi, mpfi, spdi, spfi.  
19. bore: continuous from 2.54 to 3.94.  
20. stroke: continuous from 2.07 to 4.17.  
21. compression-ratio: continuous from 7 to 23.  
22. horsepower: continuous from 48 to 288.  
23. peak-rpm: continuous from 4150 to 6600.  
24. city-mpg: continuous from 13 to 49.  
25. highway-mpg: continuous from 16 to 54.  
26. price: continuous from 5118 to 45400.

该数据集包括三种类型的特征:

(a)汽车的各种特性的规格

(b)其指定的保险风险等级(symboling)

(c)与其他汽车相比的正常使用损失(normalized-losses)。

第二个评级对应的是汽车的风险高于其价格所显示的程度。值为+3表示汽车有风险，值为-3表示汽车可能很安全。

第三个因素是每辆投保车辆每年的相对平均赔款。表示平均损失每辆车每年。

任务:

根据各特征预测汽车的价格