程序代写代做 CS编程辅导

Instruction:

(A) Questions in this **N-Z**.

ered by students whose **surnames** fall within the range

(B) Use the Excel file

answer the questions asked.

(C) A heavy penalty

answers are not based on dataset assigned to you.

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Instructions for Dataset3, part3a: Multiple Regression Analysis 样子什ら代格 (S编程 辅导

The production manager of a company that manufactures car seats has been concerned about the number and cost of machine breakdowns. The problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is quite high, and the manager is the problem is quite high, and the manager is the problem is that the machines and gathered data about the problem is that the machines and gathered data about the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and becoming the problem is that the machines are old and the problem is t

The variables save 3a are:

- crep (Y, cost of repairs in \$)
- age (X1, age of machines in months)
- mach (X2, machine (ypencated trigged trig trigged trigged trigged trigged trigged trigged trigged trigged

The dependent variable for your analysis is crep.

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Answer the following questions using Dataset3 part3a.

- (a) Estimate a regression middel using X1 and 22 1000 dict X (state the multiple regression equation). The multiple regression equation (a) Estimate a regression middel using X1 and (b) 1000 dict X (state the multiple regression equation).
- (b) Interpret the meaning of the slope of Y with X2.
- (c) What are the estimated values of the intercept when X2 = 0 and X2 = 1?
- (d) At the 5% level of tignificance Dest Whether the intercepts differ by machine type. Follow all the necessary steps and use t-test.
- (e) Estimate a regression model using X1, X2 and an interaction between X1 and X2 to predict Y (state the multiple regression equation).
- (f) Interpret the meaning to the short of the single of the same and the same and the same and the same are same as the same and the same are same as the same are same are same as the same are same are
- (g) At the 5% level of significance, test whether the slope of Y with X1 differs by machine type. Follow all the necessary steps and use t-test.