

Heart Health Data

Using logistic regression

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The Issues

The task involves building a logistic model using the heart health data, which includes 18 predictor variables, one of which is continuous (age) and the other 17 are categorical. The variable "delay days" is also continuous and expressed in fractions of days until the person seeks medical treatment. The objective is to predict whether a person seeks medical treatment in 2 days or less (1) or takes longer than 2 days to seek treatment (0), and identify the most useful variables for the prediction.

Additionally, the task requires comparing the logistic model's results when predicting whether a person seeks medical treatment on or less than the average delay days or takes longer than the average delay days. Furthermore, the logistic model must predict whether a person seeks medical treatment on or less than 1 day (1) or takes longer than 1 day to seek treatment (0), and determine the most relevant variables for the prediction.

Findings

Discussion

Appendix A : Method

Appendix B: Results

Appendix C: Code

References:

<https://chat.openai.com/chat>