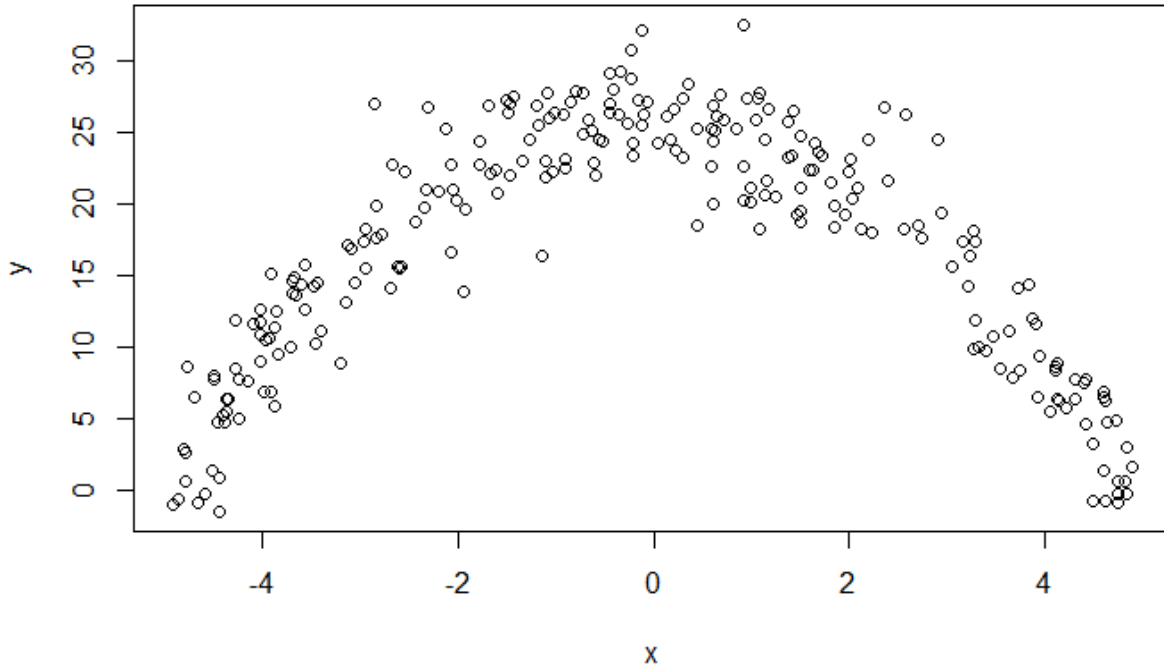


39. You are given a dataset with two variables, which is graphed below. You want to predict y using x .

Determine which statement regarding using a generalized linear model (GLM) or a random forest is true.



- (A) A random forest is appropriate because the dataset contains only quantitative variables.
- (B) A random forest is appropriate because the data does not follow a straight line.
- (C) A GLM is not appropriate because the variance of y given x is not constant.
- (D) A random forest is appropriate because there is a clear relationship between y and x .
- (E) A GLM is appropriate because it can accommodate polynomial relationships.