

**Back****Module 4 Honors**

Graded Quiz • 6 min

**coursera****Due** Nov 15, 1:59 AM EST**🎉 Congratulations! You passed!**

Grade received 75% To pass 75% or higher

# Module 4 Honors

Quiz • 6 min **Go to next item****Submit your assignment****Module 4 Honors** 4 every 8 hours**Latest Submission Grade 75%**  
Try again

## 1. Consider again the golf data from the regression quiz for Questions 1-4.

**0 / 1 point****Receive grade**

The data are found at <http://www.stat.ufl.edu/~winner/data/pgalpga2008.dat> and consist of season statistics for individual golfers on the United States LPGA and PGA tours. The first column reports each player's average driving distance in yards. The second column reports the percentage of the player's drives that finish in the fairway, measuring their accuracy. The third and final column has a 1 to denote a female golfer (on the LPGA tour), and a 2 to denote male golfer (on the PGA tour).

**Your grade**

**75%** Now consider a multiple regression on the full data set, including both female and male golfers. Modify the third variable to be a 0 if the golfer is female and 1 if the golfer is male and fit the following regression:

$$E(y) = b_0 + b_1x_1 + b_2x_2$$

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where  $x_1$  is the average driving distance and  $x_2$  is the indicator that the golfer is male.

We keep your highest score

- What is the posterior mean estimate of  $b_0$ ? Round your answer to the nearest whole number.