You finished this assignment

Grade received 100%

Module 2 Quiz

Latest Submission Grade 100%

 $P(\beta | A) = \frac{P(\beta \cap A)}{P(A)}$ 1. Prompt 1: For each of the following scenarios, answer the question with a numerical answer or a "Yes" or "No". If P(B) < 1.

1/1 point

P(BNA) = P(BIA) - P(A)

$$= 0.6 \cdot 0.7$$

= 0.42

P(AUB)=P(A)+P(B) -P(AUB)=0.7+0.5

you do not have enough information, write "Can't tell". For all situations, assume 0 < P(A) < 1 and 0 <

If A and B are two events such that P(A)=0.7, P(B)=0.5, and P(B|A)=0.6, find $P(A\cup B).$ If



(Correc

Prompt 1: For each of the following scenarios, answer the question with a numerical answer or a "Yes" or "No". If P(B) < 1.

P (AIB) = PCAMB)

(Correct

P(B) < 1



posterior > prior P(BIA) > P(B)



P(X=2)=(4)(0.6)2

dbino m(2, 512e=

= 0.3456

Find the probability of getting exactly 2 heads and 2 tails given that the first coin flip was a he 0.288

O Correct

0.288

= 0-3456 P(B) = 0.3456 P(A)=0.6

(1-0.6)

P(A)=0-

