EPPS 6313 : Recitation Session #2

Sep. 12. 2012

Questions?

- We learned :
  - Measure of Dispersion

  - Probability

  - Distribution

  - etc.

Problem 1

Draw a normal curve, skewed to the right, and comment on the positions of measure of central tendency

Problem 2

Find variance, standard deviation and range in data below.

$$2,1,1,2,0,1,0,3,2,0,1,1,5,1,2,2,2,1,1,3,0,2,4,0,0,2,1,0,1,2$$

Problem 3

A is an event which is people own LCD TV, B is an event which is people own 3D TV.
We know $P(A \bigcup B) = 0.92$, $P(A) = 0.86$, $P(B) = 0.35$
What is $P(A \bigcap B)$?

Problem 4

According to data from Amazon, the probability which an item is ready for shipment on time is 0.8. The probability for which an item is ready for shipment and delivered on time is 0.72. What is the probability that the item is delivered on time when it is ready on time ?