Learning Journal Tasks

1. Learning Journal Reflective Comments:

26 December

Exam reflection and review

After failing the last exam, I realized I do not understand the work as well as I thought so I dedicated two days to reviewing the work and redoing the exercises in preparation for the final exam.

27 December

Exam reflection and review

After failing the last exam, I realized I do not understand the work as well as I thought so I dedicated two days to reviewing the work and redoing the exercises in preparation for the final exam.

28 December

Discussion Assignment

I completed the discussion assignment and evaluated 3 peers.

29 December

Learning Journal

I completed the learning journal.

2. Vocabulary and R functions

a) What is a sampling distribution (include an APA citation)?

A sampling distribution displays each result possible that a statistic can produce in each possible sample taken from a population as well as how often each result appears (How Sampling Distribution Works, 2020).

b) What is the Law of Large Numbers?

The law of large numbers states you should repeat an experiment (keeping each experiment independent of each other) a large number of times and average the result so you can get a close approximation to the expected value (Law Of Large Numbers Definition, 2020).

References:

How Sampling Distribution Works. (2020, October 19). Investopedia. <https://www.investopedia.com/terms/s/sampling-distribution.asp#:%7E:text=A%20sampling%20distribution%20is%20a,drawn%20from%20a%20specific%20population.&text=It%20describes%20a%20range%20of,it%20truly%20exists%20a%20population>.

Law Of Large Numbers Definition. (2020, November 16). Investopedia. <https://www.investopedia.com/terms/l/lawoflargenumbers.asp>

3. The distribution of a sample is the distribution of how a sample selected for an experiment falls when compared to the population the sample has been selected from whereas a sampling distribution is the mean of the sample taken or the distribution of the sample of the experiment itself and not in comparison to the population it was taken from.

Total Words (300)