1. In a one-sample hypothesis test, what does the null hypothesis state?   1 / 1 point

   ○ The population mean is not equal to an observed value.

   ● The population mean is equal to an observed value.

   ○ The population mean is less than an observed value.

   ○ The population mean is greater than an observed value.

   ⊘ Correct
   In a one-sample hypothesis test, the null hypothesis states that the population mean is
   equal to an observed value.

2. A data professional conducts a hypothesis test. They discover that their p-value is less than   1 / 1 point
   the significance level. What conclusion should they draw?

   ○ Fail to reject the null hypothesis.

   ● Reject the null hypothesis.

   ○ Decide the test is inconclusive.

   ○ Reject the alternative hypothesis.

   ⊘ Correct
   To draw a conclusion about a hypothesis test, compare the p-value with the
   significance level. If the p-value is less than the significance level, reject the null
   hypothesis. If the p-value is greater than the significance level, fail to reject the
   null hypothesis.