



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Hypothesis Testing in Python Assessment

LATEST SUBMISSION GRADE

100%

1. What is the sample difference of mean bedtime for nappers minus no nappers (rounded to the nearest thousandth)?

1 / 1 point

Please note your answer in the following format: ###

- ☐ 0.788
- ☒ 42.066
- ☐ 49.01
- ☐ 0.714

✓ Correct

2. Given our sample size of n , how many degrees of freedom (df) are there for the associated t distribution?

1 / 1 point

18

✓ Correct

3. What is the t -test statistic for the **first** hypothesis test?

1 / 1 point

Select the answer to the nearest decimal.

- ☒ 2.36
- ☐ 16.42
- ☐ 3.41
- ☐ 4.41

✓ Correct

4. What is the p-value for the **first** hypothesis test?

1 / 1 point

- ☒ 0.014667451430902756
- ☐ 4.3525750002893636e-11
- ☐ 0.00015417041438843036
- ☐ 0.05

✓ Correct

5. Do you reject or fail to reject the **second** null hypothesis at a Bonferonni-corrected $\alpha = 0.025$?

1 / 1 point

- ☐ Reject
- ☒ Fail to reject

✓ Correct