



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 2 Python Assessment

LATEST SUBMISSION GRADE

100%

1. What is the value of the coefficient for predictor **RM**?

1 / 1 point

Your answer should be written in this format: #.####

8.3975

✓ Correct

2. Are the predictors for this model statistically significant, yes or no? (Hint: What are their p-values?)

1 / 1 point

☒ Yes

☐ No

✓ Correct

3. What most likely happened to our R-Squared value when we added the third predictor **LSTAT** to our initial model?

1 / 1 point

☐ Decreased

☒ Increased

☐ Stayed the same

✓ Correct

4. What type of model should we use when our target outcome, or dependent variable, is continuous?

1 / 1 point

☐ Logistic regression

☒ Linear Regression

☐ Confidence intervals

✓ Correct

5. Which of our predictors has the largest coefficient?

1 / 1 point

☐ Intercept

☐ DMEDEDUC2x[T.HS]

☐ DMEDEDUC2x[T.SomeCollege]

☒ DMEDEDUC2x[T.x9_11]

✓ Correct

6. Which values for DMEDEDUC2x and RIAGENDRx are represented in our intercept, or what is our reference level?

1 / 1 point

☐ Male and Some College

☐ Female and Age

☒ Female and College

☐ Male and HS

✓ Correct

7. What model should we use when our target outcome, or dependent variable is binary, or only has two outputs, 0 and 1?

1 / 1 point

- ☐ Hypothesis Tests
- ☐ Linear Regression
- ☒ Logistic Regression
- ☐ None of the above

✓ Correct