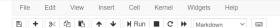




Trusted Python 3 O



Week 3 Assessment

This Jupyter Notebook is auxillary to the following assessment in this week. To complete this assessment, you will complete the 5 questions outlined in this document and use the output from the python cells to answer them.

Run the following cell to initialize your environment and begin the assessment.

Question 1: What is clustered data? (You'll answer this question within the quiz that follows this notebook)

Question 2: (You'll answer this question within the quiz that follows this notebook)

Utilize the following output for this question:

Which of the listed features has the highest correlation between two observations in the same cluster?

Question 3: (You'll answer this question within the quiz that follows this notebook)

What is true about multiple linear regression and marginal linear models when dependence is present in data?

Question 4: (You'll answer this question within the quiz that follows this notebook)

Multilevel models are expressed in terms of $\underline{\ }.$

Question 5: (You'll answer this question within the quiz that follows this notebook)

Which of the following is NOT true regarding reasons why we fit marginal models?