**Week 4 Assignment 4**

Due to the high number of assignments being submitted late, it is now necessary to implement a strict late policy. This includes the following:

1. Weekly assignments must be submitted by the deadline.
2. Late assignments will not be accepted.
3. Late penalties will be applied to all late submissions.

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**Week 4 Assignment 4 Details**

- **Due Date:** Sunday, 10/20, 2019 11:59 PM
- **Late Policy:** No late submissions will be accepted.

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**Assignment Instructions**

- **Objective:** Analyze the data provided and answer the questions.
- **Instructions:**
  1. Complete the analysis section by answering all questions.
  2. Submit your analysis in a clear and organized manner.

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**Questions**

1. What is the question you are trying to answer with this assignment?
2. What is the dependent variable and the independent variable?
3. What is the hypothesis you are testing with this assignment?
4. What is the sample size and the sample distribution?
5. What is the confidence level and the margin of error?
6. What is the p-value and the conclusion of the hypothesis test?
7. What is the correlation coefficient and the significance level?
8. What is the coefficient of determination and the R-squared value?
9. What is the ANOVA table and the degrees of freedom?
10. What is the F-statistic and the p-value of the ANOVA test?