

Assignment Name - Statistics Advance

Problem Statement -

Answer the following questions to the best of your knowledge including the concepts taught to you in the level.

1. Calculate covariance and correlation between below two columns A and B

A	B
25	52
35	10
21	5
67	98
98	52
27	36
64	69

Mention all step by step formula calculations in the answer sheet.

2. What are the different ways to deal with multi collinearity?
3. What should be the correlation threshold value based on which we determine the highly collinear variables?
4. What are the two different types of variable we used in ANOVA?
5. What are the null and alternate hypothesis in chi-square test?

Evaluation Basis

This project will be evaluated on following basis -

- 1) **Comprehensibility of the answer** : You have to answer the given question with full explanation, background information and examples(if required).
-

Deliverables from Candidate

- 1) A Doc or Pdf file containing your answers
-

Warning - Do not submit incomplete assignments. They will result in negative skill score.