

Assignment Name - Concepts of Statistics

Problem Statement -

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

1. If the variance of a variable/column is 0 then what does it mean? Can we use that variable for our analysis?
2. Calculate mean, median, mode, variance and standard deviation for column A

A	B	C	D
7	5	2003	2003
6	8	1976	1976
7	5	2001	2002
7	5	1915	1970
8	5	2000	2000
5	5	1993	1995
8	5	2004	2005
7	6	1973	1973
7	5	1931	1950
5	6	1939	1950
5	5	1965	1965

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

3. In a group of 12 scores, the largest score is increased by 36 points. What effect will this have on the mean of the scores?
4. Explain the difference between Data (Singular) and Data (Plural) with examples?
5. How the inferential statistics helps to make decisions out of it?

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).
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Deliverables from Candidate

- 1) A Doc or Pdf file containing your answers
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Warning - Do not submit incomplete assignments. They will result in negative skill score.