

SAMPARK : A SOCIAL INITIATIVE BY KUMAUN UNIVERSITY, NANITAL

It is an asynchronous method focus on very important and popular topic 'Central Tendency' in most of science stream subject, art stream subject and some professional subject like Botany, Zoology, Microbiology, Ecology, Forestry, Statistics, Economics, Account and B. Ed., M. Ed. etc. This online courses will help for the priority of students of Kumaun University to make the learners skilled in virtual conversation and help them learn statistical way.

Course Title: Central Tendency

Duration of the course/ Level: (3-7 days) Intermediate

Date: 19/06/2020-22/06/2020 (2: 30-3.30 pm)

Objective of the Course:

- Day 1: 19/06/2020: Basic of Central Tendency
- Day 2: 20/06/2020 Central tendency and its Measures
- Day 3: 21/06/2020 Mean, Median, Mode with problems
- Day 4: 22/06/2020 Relationship between mean, median and mode

How to apply free online course :

Participants can join by registering through following link:

<https://forms.gle/vPWgsMAdie5z6gas9>

E- certificates will be provided to all the participants

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Timing: 2: 30-3.30 pm

Contact Number: 9450675466

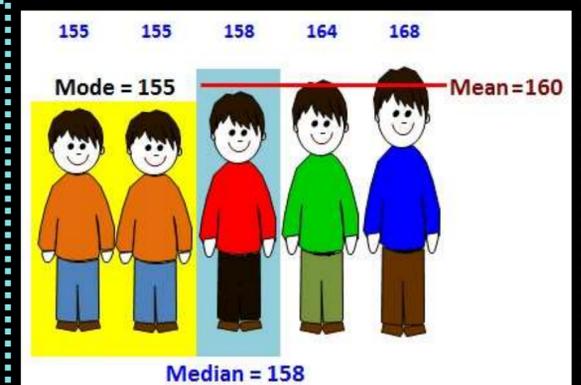
SUMMARY

Central Tendency

Central tendency is an average, a single value which represents the characteristics of entire data and help us to compare the given data with another data.

Measures of Central tendency

These measures indicate where most values in a distribution fall and are also referred to as the central location of a distribution. Thus measure of central tendency is a value that represents a typical, or central, entry of a data set.



The most common measures of central tendency are:

(A) Mean B) Median (C) Mode

Mean (Average): Mean is the sum of all the data entries divided by the number of entries. Data may be grouped or ungrouped and calculations are done according to nature of Data.

Median: The median is the middle number in a data set. To find the median, list your data points in ascending or descending order and then find the middle number.

Mode: The value of the variable that occurs most frequently called as mode. It is the position of greatest density, the predominant or most common value. It is also a positional average. Or Mode is calculated to find a value which is most frequently found.

Relationship between mean, median and mode

Mode = 3Median - 2 Mean, Or 3 Median = Mode + 2 Mean or 2Mean = 3Median - Mode

Learning Outcomes/ Benefit of the course: The online program will help the participants (Students) own learning environment and flexibility to understand the actual meaning of central tendency. It provides an overview of various strategies and uses of mean, median and mode, not only in this class. It's also benefitted in futures for competition exam, research and professional course. They understand though the method of asynchronous to solve all question related to mean, median and mode.

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