



Web Report on Workshop “Data Analysis using SPSS”

Title	Web Report on “Data Analysis using SPSS”
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Resource Person/Facilitator	Dr. Asha Chawla, Associate Professor at G.V.M. Girls College, Sonapat
Summary	<p>Variables can be defined as any aspect of a theory that can vary or change as part of the interaction within the theory. In other words, variables are anything that can effect or change the results of a study. Every study has variables as these are needed in order to understand differences. The most powerful benefit of increasing our variables, however, is control. If we suspect something might impact our outcome, we need to either include it as a variable or hold it constant between all groups. If we find a variable that we did not include or hold constant to have an impact on our outcome, the study is said to be confounded. Variables that can confound our results, called confounding variables, are categorized into two groups: extraneous and intervening.</p> <p>The aim of this workshop was to make the participants aware about identification and measurement of variables in a research work. Dr. Asha Chawla, the guest speaker, started her presentation by giving an example of data analysis and data mining. She explained the participants about the importance of variables and its measurement in research work. She encompassed on how to deal with questionnaire when we get multiple responses in a questionnaire. Apart from this, she also gave real life examples for clarity of the ranking questionnaire as well as dichotomous responses to it.</p> <p>The workshop was indeed an interactive and knowledgeable one. The guest speaker answered all the queries well and the participants were completely satisfied. Participants found the workshop to be really productive and a wonderful learning experience.</p>