20 SEATS
10 HOURS

CHRIST
(DEEMED TO BE UNIVERSITY)
NODAL OFFICE, TRIVANDRUM

ONLINE WORKSHOP

Fundamentals of DATA Analysis Using SPSS in Social Sciences

Target Population: Researchers, Masters Students, Teachers.

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Organised by

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EVERY SATURDAY FROM FEBRUARY 25,2023 6.00PM-8.00PM IST

REGISTRATION

https://forms.gle/iSegAzvoVZUavf7P9

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SESSIONS

SESSION I

Theory: Basic concepts in statistics, Measurement and Levels of measurements,

Training: Getting familiarised with SPSS.

Training: Data entry: Methods and guidelines;

Data manipulation: Editing, Splitting, Selecting, Merging etc

SESSION 2

Theory: Descriptive statistics

Training: Descriptive statistics using SPSS

Theory: Inferential statistics, Level of significance, df,

Type I & Type 2 errors, Normal curve.

SESSION 3

Training: Testing distribution characteristics of the data

(Normality)

Theory: t test (Basic concepts, Types and Assumptions)

SESSION 4

Training: Independent sample t test

(Procedure, assumptions and interpretation)

Training: Paired sample t test

(Procedure, assumptions and interpretation)

SESSION 5

Theory: ANOVA (Basic concepts, Types and Assumptions)

Training: One way ANOVA (Procedure, assumptions and interpretation)

Theory: Correlation analysis (Basic concepts, Types and assumptions)

Training: Spearman and Pearson correlation methods (Procedure, assumptions

and interpretation).

Training: Based on specific needs of the students

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