

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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Thrissur, Kerala, India.



Organised by

Nodal Office

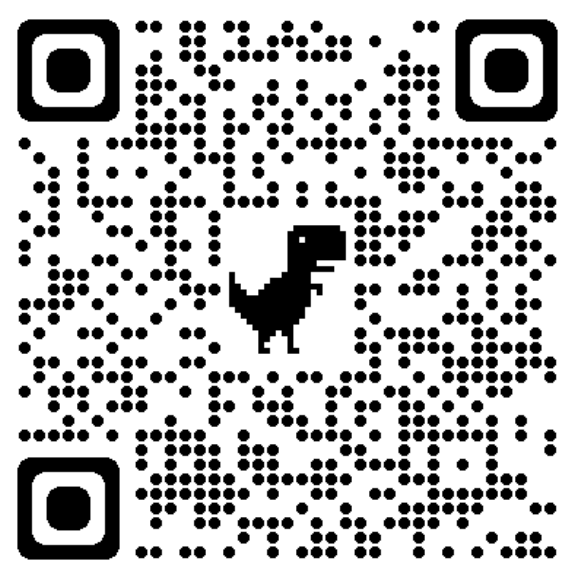
CHRIST (Deemed to be University)

A.I.R Road, Vazhuthakkadu

Trivandrum, Kerala

tvm@christuniversity.in

EVERY SATURDAY FROM
JUNE 24, 2023
6.00PM-8.00PM IST



REGISTRATION

<https://forms.gle/PIKxdyfuUuTC7xtQ9>

This is an Initiative by Nodal Office , CHRIST (Deemed to be University).

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).

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