



TWO-DAY WORKSHOP ON DATA ANALYSIS IN R USING STATCRAFT

ON NOVEMBER 18TH & 19TH, 2019

ABOUT PONDICHERRY UNIVERSITY

Pondicherry University is a Central University established in the year 1985 by an act of parliament. The university is situated on the East Coast Road, about 160 kms South of Chennai. Puducherry city is accessible by train/bus/air from different parts of the country.

ABOUT STATISTICS DEPARTMENT

The Department of Statistics was established in the year 2006 and is offering Post Graduate courses in M.Sc., Statistics, M.Sc., Five-Year Integrated Statistics, M.Sc., Quantitative Finance, and Ph.D. in Statistics. Thrust areas of research of the department are Statistical Inference, Data Mining, Sampling Theory, Artificial Neural Network, Biostatistics, Distribution Theory, Reliability Theory, Survival Analysis, Bayesian Inference, Stochastic Modeling and Operations Research, etc.

REGISTRATION DETAILS

Rs. 600/- (Research Scholars & Faculty)

The last date for registration is 05th November

*Registration fee includes kit, working lunch, tea & snacks on all the days of the seminar

CONVENER

Prof. P.Dhanavanthan
Head, Dept. of Statistics
Pondicherry University

ORGANIZING SECRETARIES

Dr. R.Vishnu Vardhan, Assistant Professor
Dr. V.S.Vaidyanathan, Assistant Professor
Dept. of Statistics, Pondicherry University

ABOUT THE SPEAKER

Sumit Kumar Bardhan has over two decades of experience in Analytics. He has successfully managed the SPSS operations in India for over 15 years overseeing the adoption of this solution across a wide range of organization and academic institutions. He holds a US patent for his work on "Method and a System to Generate User Interface for Analytical Models" and is the creator of STATCRAFT which is being widely used in institutions of Higher Education across India. He is an alumnus of University of Calcutta and The Indian Institute of Social Welfare and Business Management.

Selection Criteria

The shortlisted participants will be sent a mail containing the bank details and other information to deposit the registration fee.

Details of the coordinating person

Dr.R.Vishnu Vardhan, 9487609603, vrstatsguru@gmail.com

NOTE: Participants are expected to have basic knowledge in R, which enables to have a better interaction during the training program. The selection of participants is on the basis of First Come First Serve. The number of **seats** are restricted to **50**.

[CLICK HERE FOR REGISTRATION](#)

WORKSHOP ON DATA ANALYSIS IN R USING STATCRAFT

DAY - 1 (NOVEMBER 18, 2019)	
TIMING	CONTENT
10:00 am - 10:30 am	<ul style="list-style-type: none"> Inauguration
10:30 am - 11:45 am	<ul style="list-style-type: none"> Introduction to R Basic Operations Different types of variables in R Vectors Arithmetic Operations on Vectors Matrix and Data Frame
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 01:30 pm	<ul style="list-style-type: none"> Packages and Libraries in R Importing and Exporting Datasets in R Descriptive Statistics using R Graphical Representation using R Correlation using R
Lunch Break (1:30 pm – 2:30 pm)	
02:30 pm – 03:30 pm	<ul style="list-style-type: none"> Introduction to STATCRAFT Importing and Exporting datasets in STATCRAFT Data Preparation (Derive, Recode, Lead/Lag, Flag, Imputing Missing Values) Data Filtering in STATCRAFT
Tea Break (3:30 pm – 3:45 pm)	
03:45 pm – 05:00 pm	<ul style="list-style-type: none"> Graphical Representation using STATCRAFT Correlation using STATCRAFT
DAY - 2 (NOVEMBER 19, 2019)	
10:30 am- 11.45 am	<ul style="list-style-type: none"> ANOVA using STATCRAFT t-test using STATCRAFT Chi Square using STATCRAFT
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 01:30 pm	<ul style="list-style-type: none"> Linear Regression using STATCRAFT Logistic Regression using STATCRAFT Time Series using STATCRAFT
Lunch Break (1:30 pm – 2:30 pm)	
02:30 pm – 03:30 pm	<ul style="list-style-type: none"> ANOVA using R t-test using R Chi Square using R
Tea Break (3:30 pm – 3:45 pm)	
03:45 pm – 04:30 pm	<ul style="list-style-type: none"> Linear Regression using R Logistic Regression using R
04:30 pm – 05:00 pm	<ul style="list-style-type: none"> Discussion & Feedback Valedictory Session

