PRIMAX ACADEMY
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ORGANISES THREE-DAY NATIONAL LEVEL ONLINE WORKSHOP

ON

"STATISTICAL ANALYSIS AND INTERPRETATION USING STATA"

DATE: 02ND TO 04TH FEBRUARY 2021
TIMING: 6.00 PM TO 8.00 PM
MODE: THROUGH ZOOM MEETING / GOOGLE MEET

Day -1	Day- 2	Day-3
Introduction to Stata - Variable types: Measurement scales - Tabulation and classification of data in Stata - Data Visualisation: Bar Chart, Histograms, Pie Chart, Scatter Plot, Box Plot -Exploratory Data Analysis: -Summary Statistics(Descriptive Statistics): Measures of Central Tendency: Mean, Median , Mode Measure of Dispersion: Range, Inter Quartile Range, Standard Deviation, Variance. Understanding Standard Error.	Population, Sample, Parameter , Statistics, Normal Distribution Properties and Significance, concept of p value, Stages in Hypothesis Testing, dealing with missing values, One Sample t test, Independent sample t test, Paired t test, Chi Square Test, ANOVA, Post Hoc Analysis for ANOVA, Correlation. **Note: Organizer Support** 1. E-certificate 2. Demo Statistical Software 3. E-Materials	Regression Analysis, Fitting of Regression Model, Assumptions of Regression model: Normality of error, Linearity, Independence of Error(Constant Error Variance), Multicollinearity . Tests for Accuracy of predictions given by Regression Model. Time Series, Components of Time Series, Moving Average Model, Weighted Moving Average Model, Exponential Smoothening, ARIMA, Holts Winter Model. Testing for Accuracy.

Resource Person: Dr.Pallavi Kudal,
Corporate Data Science Trainer, Pune.

Who can Join.. ??

Faculties & Research Scholars

Contact- Prof. T. Rajeswari
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