

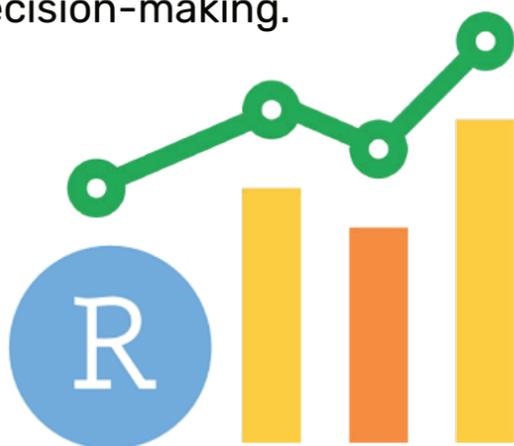
# MULTIVARIATE DATA ANALYSIS TOOLS



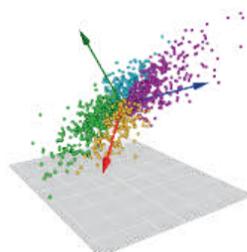
## HANDS ON TRAINING

### WHY THIS TRAINING?

To make you understand when and how to use multivariate data analysis tools and interpret results effectively, to enhance agricultural research and decision-making.



When not to use and how to avoid misinterpretation. To introduce you to the vast fields of opensource data analysis tools like R. Will provide course materials with access only to trainees.



#### Dimension reduction Tools

PCA  
Factor Analysis



#### Modelling

Multiple linear  
Multiple logistic  
SEM



#### Classification & Others

Cluster Analysis  
MANOVA  
MCA



#### Data analysis

Example datasets  
Interpretation  
Using R

### WHY IS IT BENEFICIAL?

Handling multivariate data effectively is very important in Agricultural research. Selection of correct analysis tool will enable you to make better decisions and get useful insights.

## WE

We at the Department of Agricultural Statistics, understand the critical role of timely data analysis assistance. Our programs are thoughtfully designed to provide guidance and support throughout the data analysis process, enabling you to derive precise insights from your valuable research data.

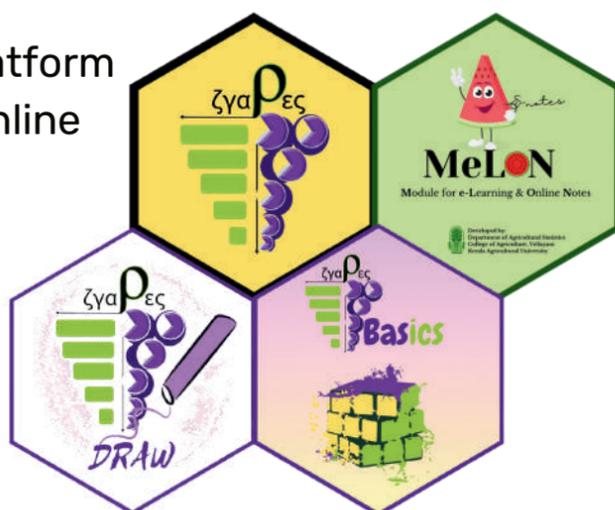


Access to all our online data analysis platform on discount rates. Introduction to our online analysis platform GRAPES, which is free

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