

# R-Workshop

A 4-Day workshop was conducted by the Economics society (**Ecomaniacs**) of Shyam Lal College (Morning), University of Delhi.

The workshop was held on **3rd November, 2022** and was concluded on **6th November, 2022**. The workshop was conducted for the students and a practical and hands on approach was used to teach the programming **language R** thoroughly. It was conducted to help the students learn Data Analysis which is a subject for the B.A. (Hons.) Economics students.

On the first day of the workshop, **Mr. Siddharth Rathore**, Assistant Professor (Gargi College, DU) and a keen enthusiast in data science was invited for the whole workshop. The workshop started with a welcome speech by the members of Ecomaniacs. After the welcome speech, he started by introducing himself and about the important topics that will be covered on the **first day**.

Since, the language R was new to everyone, basics were introduced along with how to set up the console and what all is to be downloaded in order for it to function properly. Since R is a language, it consists of coding. Mr. Rathore also guided the students about what coding is and how it is done. On the **second day**, matrix and vectors were the main area of the focus. Both the topics were brushed up and then students were taught about the formation of matrices, tables and how data is to be read under a matrix. On the third day, concepts taught were a level up. Topics covered on the **third day** were: factors and data frame formation, Boolean vector and gap minder data. The **last day** was the longest one as Mr. Rathore tried to cover all the topics left. Gap minder was taught again, but with more advanced material. Tidyverse, listing, gg plot and graphical representation were the other topics covered on the last day. More than **50 students** joined the **4-day** course and learnt the basics of R language by completing the assignments given by sir.

Mr. Siddharth Rathore appreciated the efforts put in by the Ecomaniacs and Mrs. Jyoti Atri to present such a phenomenal and practical workshop.

After this Ms. Jyoti Atri, the convenor of department of Economics, presented the vote of thanks to Mr. Siddharth Rathore for sparing his valuable time for us and making this workshop a great learning experience for the students.



**ECO-Maniacs**

Economics Department  
Shyam Lal College (M), University of Delhi



**PRESENTS**

# Skill Enhancement Workshop



**SIDDHARTH RATHORE**

Assistant Professor & Data Scientist

on the topic

## R Programming language

SCAN TO REGISTER



3 NOV - 6 NOV



5:00 PM- 6:30 PM



GOOGLE MEET



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