AYBU STATISTICS & DATA SCIENCE CLUB
ONLINE R PROGRAMMING LECTURE SERIES

?-?? MARCH 2021

AN INTRODUCTION TO R PROGRAMMING

#MAIN OBJECTIVE

This **as.integer(2)** day (4 Hours) online **as.character("R")** lecture series is designed **to introduce the basics of R programming** and **its essentials for data science** to the interested participants.

#DAILY SCHEDULE

DAY 1, SATURDAY 20:00-22:00

— *May I introduce R and RSTUDIO ? Creating and Manipulating Variables*

DURATION <- 2 HOURS # **1*(10 MIN) BREAK**

- What is R and RSTUDIO, Why R is important ? How to install ?
- General issues and Package installation in R.
- Typing Small Scripts over different variables.
- More Details about R data types and their properties.

DAY 2, SUNDAY, 20:00-22:00

— *More on Programming, Writing Functions and Debugging*

DURATION <- 2 HOURS # **1*(10 MIN) BREAK**

- Control statements and basics of loops.
- How to write an R function ?
- Reading and Writing Data in R
- Some notes on measuring performance.
- Debugging: Quick Overview

#INSTRUCTOR

Dr. Ozan Evkaya, *(Postdoc Researcher, University of Padova, ITALY)*

PhD = c("Statistics"); MSc <- c("Actuarial Science"); BSc <- c("Mathematics")

#SOURCES

Will be announced and shared during the online lectures regularly.