A FRESH START TO LEARN R

#MAIN OBJECTIVE

This **as.integer(3)** day (8 Hours) HANDS-ON PROGRAMMING with **as.character("R")** online course is designed **to introduce the basics of R programming** and **its essentials for data science** to the interested students.

#DAILY SCHEDULE

DAY 1, SUNDAY 19:00-22:00 — *May I introduce R and RSTUDIO ?*

DURATION <- 3 HOURS # 2*(10 MIN) BREAKS

- What is R and RSTUDIO, Why R is important ?
- How to install and use R ?
- General issues and Package installation in R.
- Typing Small Scripts over different objects.

DAY 2, MONDAY, 19:00-22:00 — *Creating and Manipulating Objects*

DURATION <- 3 HOURS # 2*(10 MIN) BREAKS

- More Details about R objects and their properties.
- Accessing variables in a given object and operations on them.
- Control statements and basics of loops.
- How to write an R function ?

DAY 3, TUESDAY, 19:00-22:00 — *Babyhood for Data Science with R*

DURATION <- 3 HOURS # 2*(10 MIN) BREAKS

- Importing and Exporting Data Sets.
- Understanding the properties variables and descriptive statistics.
- Basic plotting to understand the data.

#INSTRUCTOR

Dr. Ozan Evkaya, (Postdoc Researcher, TU Dresden, GERMANY)

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

#SOURCES

Will be announced and shared during the online lectures regularly.