#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.