Syllabus

Department of Economics and Business
CEU
CENTRAL
EUROPEAN
UNIVERSITY

Data Visualization 2: Practical Data Visualization with R

- **Instructor:** Gergely Daroczi
- **Credits:** 1 (2 ECTS)
- **Term:** Winter 2019-2020
- **Course level:** MSc
- **Prerequisites:** Data Analysis 2: Finding Patterns with Regressions – Business Analytics track
- **Course drop:** Course can be dropped free of charge 24 hours after the first session. After this date drop is possible until the course is halfway over (late drop fee applies). No changes are allowed past that date.

Course description

In this hands-on course, you will become more proficient with data munging and preparations for data visualization: mastering ggplot2, the R implementation of the Grammar of Graphics. Besides creating and customizing static plots, you will also learn about integrating these outputs in automated or ad-hoc reports, with a short introduction into interactive dashboards as well.

Learning outcomes

By the end of the course you will become familiar with exploring data and expressing insights via the most often used plotting tool of the R ecosystem.

Reading list

Class materials will be available on GitHub.

Assessment

40% homework and 60% final project.

Grading Policy

Students shall not miss more than 1 day of classes, failing to do so will yield an administrative fail grade. To pass, students will need to get at least 50% of the homework AND at least 50% of the final exam.