**Overall order**

14:20 - 14:50 Reviewing, correcting assignment, questions.

* Do assignment in front of them

14:50 – 15:50 Lecture

15:50- 16:00 Pause

16:00 -16:45 Conceptual and practical example

16:45- 17:00 Pause

17:00-17:45 Case study and questions

**To be prepared**

3x Homework

* Dataframe (Livio)
  + QSS (Exercise 15.1 or 15.2)
* Wrangling (Livio)
* Visualization (Livio)

3x Lecture and Exercises

* Dataframes (Henrique)
  + QSS p.13-20 (objects, vectors, functions)
  + QSS p. 28-29 (summary, mean, median)
  + QSS p.46-49(Logical values and operators)
* Wrangling (Henrique)
* Visualization (Livio)

3x Case study (more conceptual, less in script comment, more thinking together)

* CoW & Dates (Henrique)
* Amazon discourse (Livio)
* Survey for visualization (Livio)

**Last Session:**

Review Vis (Livio)

Reprex (Henrique)

Final Assignment