

## Agenda

# Introduction to R for data analytics

21-23 March 2018

Cineca - Casalecchio di Reno (BO)

### Day 1

09:00 - 09:30	Registration	
09:30 - 10:00	Introduction to Data Analytics	R. Turra
10:00 - 11:00	Unsupervised Learning	G. Pedrazzi
11:15 - 13:00	Supervised Learning	R. Turra
14:00 - 14:30	Cineca facilities	A. Marani G. Pedrazzi
14:30 - 17:30	Introduction to R and Rstudio on Cineca resources	A. Macaluso

### Day 2

09:30 - 13:00	Examples on Supervised and Unsupervised learning.	G. Pedrazzi
14:00 - 16:15	Example with H2O package	A. Macaluso G. Pedrazzi
16:30 - 17:30	Deep Learning introduction	G. Pedrazzi



## Day 3

09:30 - 10:45	Deep Learning on images	G. Pedrazzi
11:00 - 12:45	Deep Learning on texts	D. Sforzini
14:00 - 16:00	Free Laboratory with teacher assistance.	G. Pedrazzi

**NB:** the agenda may be subject to changes that will be communicated to the students as soon as possible.