

# Data science with R

Online, January 19th-21st, 2022

## AGENDA

### Wednesday 19 January

#### *Morning*

09.30-10.00 **Introduction to Data Analytics** Roberta Turra

10.00-11.30 **Unsupervised Learning** Giorgio Pedrazzi, Andrea Enia

11.30-11.45 **Break**

11.45-12.15 **Introduction to R and RStudio** Giorgio Pedrazzi

12.15-13.00 **Hands on Unsupervised Learning I** Giorgio Pedrazzi, Andrea Enia

#### *Afternoon*

14.00-15.00 **Hands on Unsupervised Learning II** Giorgio Pedrazzi, Andrea Enia

15.00-15.15 **Break**

15.30-17.30 **Supervised Learning** Roberta Turra

### Thursday 20 January

#### *Morning*

09.30 -10.30 **Hands on Supervised Learning** Giorgio Pedrazzi, Andrea Enia

10.30-10.45 **Break**

10.45-13.00 **Hands on Supervised (H2O)** Giorgio Pedrazzi, Andrea Enia

#### *Afternoon*

14.00 -16.00 **HPC** Diego Molinari

16.00-16.15 **Break**

16.15-17.30 **Hands on Cineca Supercomputer** Giorgio Pedrazzi, Diego Molinari

### Friday 21 January

#### *Morning*

09.30-11.30 **Hands on Cineca Supercomputer** Giorgio Pedrazzi, Bhaskar Agarwal, Andrea Enia

11.30-11.45 **Break**

11.45-13.00 **Deep Learning Introduction** Sergey Kubarev

#### *Afternoon*

14.00-16.00 **Hands on Deep Learning** Giorgio Pedrazzi, Sergey Kubarev