Organising Committee
Alessandro Avenali
Cinzia Daraio
Giorgio Matteucci

Technical Support
Simone Di Leo
Giammarco Quaglia

**Online course including:**
- On-line lectures presenting the main techniques of Information Quality implemented in the Visual Analytics Environment (VAE)
- Group exercises where participants will experiment the different approaches available in the VAE on real datasets from RISIS
- Plenary discussion on the exercises carried out

**Cost and Fees:** No registration fees to be paid by European Participants

**Registration:** send the application form and CV by email at
dileo@diag.uniroma1.it

To ask the certificate of participation write an email at
giammarco.quaglia@uniroma1.it

**DEADLINE FOR REGISTRATION**
April 20th, 2022
### COURSE OBJECTIVES

- Dealing with data and information quality
- Presenting the most used techniques for assessing Information Quality of Performance Models
- The components of the VAE Software include:
  
  a. Correlation Analysis,
  b. Map Analysis,
  c. Mono dimensional Analysis,
  d. Multidimensional Analysis,
  e. Autocorrelation Analysis,
  f. Feature Importance Analysis,
  g. Ratio Analysis,
  h. Anomalies checks,
  i. Consistency Checks
  j. Time Series Forecasting.

- Test the Visual Analytics Environment (VAE) Software using real datasets from RISIS

### PROGRAM AND CONTENTS

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<td>2nd May</td>
<td>09:00–09:15</td>
<td>Introduction to the Course</td>
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<td>10:30–11:30</td>
<td>Visual Analytics Environment (VAE) Software tutorial by Luca Urban</td>
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<td>Task assignment</td>
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<td>5th May</td>
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<td>interim discussion with groups lead by Marco Angelini and Luca Urban</td>
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<td>Final discussion and assessment of the used Software</td>
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### AUDIENCE TARGETED

The course aims at involving participants among the following categories:

- Early career researchers
- PhD students
- People from the policy making world wishing to extend their analytical capabilities
- Data scientists interested in knowing the potentialities of the Visual Analytics Environment (VAE) Software

### REQUIREMENT FOR PARTICIPATION

- Basic requisite for admission will be:
  
  - Knowledge of basic principle of statistics
  - During the course the Visual Analytics Environment (VAE) Software will be introduced, presented and let available to participants
  - Before the beginning of the course, we will provide participants with basic materials and readings