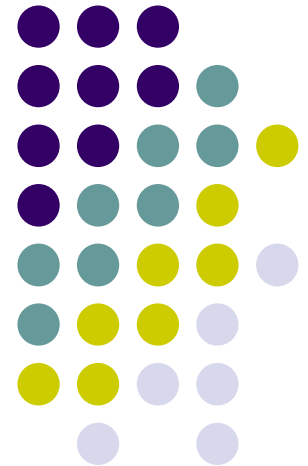


Big Data Analytics 2022/23

An overview



Boring (but needed) information



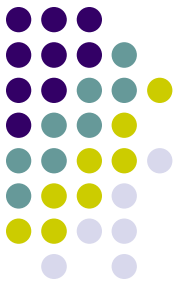
- First part (40 hours): scaling and classification algorithms
Second part (20 hours): network analysis

Boring (but needed) information



- First part (40 hours): scaling and classification algorithms (teacher: Luigi Curini – University of Milan)
- Two classes each week starting from today in via Pace
- Thursday: some theory!; Friday: lab!
- Let's begin at 10:00 am and end at 11:30 am
- Important: no classes the 6 and the 7 October. We will recover them the 10 and 11 of October 2:00-4:00 pm
- Office Hour: (usually on) Wed 1-4 pm. Plz write me in advance to fix an appointment!
- Email: luigi.curini@unimi.it

Boring (but needed) information



- Second part (20 hours): network analysis (teacher: Rob Fahey – Waseda University of Tokyo)
- Mon - Tue 17/18 October, 10-12 (4)
- Mon - Tue 24/25 October, 10-12 (8)
- Mon - Tue - Wed 7/8/9 October, 10-12 (14)
- Mon - Tue - Wed 14/15/16 October, 10-12 (20)
- All classes will be held on-line (more info to come)

Boring (but needed) information



How to evaluate you???

Home-assignments!!!

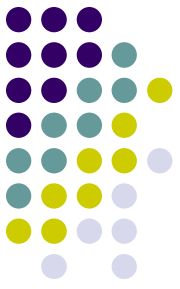
Boring (but needed) information



- All the slides, scripts and datasets that we employ during our classes (for my part) will be made available the day before each lecture at the following URL:

<http://www.luigicurini.com/big-data-analytics-dapsco.html>

Boring (but needed) information



This course (first part) is aimed to:

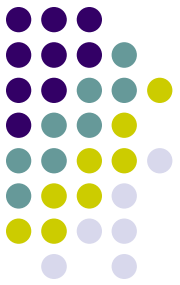
- ✓ Introduce you some of the new methods developed within the literature in the last years to analyze texts
- ✓ Offer you guidelines on how to effectively (and practically) use text methods for social scientific research

Boring (but needed) information



- Plan of the course:
 1. An introduction to text analytics
 2. From words to positions: scaling algorithms (unsupervised & supervised)
 3. From words to issues: classification algorithms (unsupervised, semi-supervised & supervised)
 4. From non-positional to positional approaches to texts (word-embedding)

Boring (but needed) information



To register your final mark for this course, plz enroll yourself at the Big Data Analytics exam of 14 December 2022