Information Retrieval and Data Mining
Course Introduction
New teacher teaching the course
- Same name & program
- Same topics with different flavor
- Same rules and schedule
- New teachers (more or less)

Lectures given by:
- Matteo Matteucci (Lecturer)
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- Luca Bondi (Teaching Assistant)
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IRDM Course Program

- Data Mining (M. Matteucci)
  - The Data Mining process
  - Decision Trees and Decision Rules
  - Rule Induction Methods
  - Association Rules and Frequent Itemset Analysis
  - Graph based mining

- Information Retrieval (L. Bondi)
  - Text-based information retrieval
  - Indexing
  - Web information retrieval
  - Crowdsourcing
Exam Rules and Material

- Detailed Schedule and available online (soon!)
  
  http://chrome.ws.dei.polimi.it/index.php/Information_Retrieval_and_Data_Mining

- Course Material:
  - Slides from the teachers (published before/after the lecture)
  - Some reference books and Scientific papers (not mandatory)
  - Weka Software Package (used by the teacher)

- The exam grade is composed by a written exam

  - WE - Written Exam is compulsory, no Oral Exam
    - Theoretical questions practical exercises (total of 5 questions)
    - Covering the all topics previously introduced
DAR = IRDM + PAMI

- Data Analysis and Retrieval (only for Management!) [10 CFU]
  - Information Retrieval and Data Mining [5 CFU]
  - Pattern Analysis and Machine Intelligence [5 CFU]

- Teachers
  - DAR: M. Matteucci (L) (only for Management!)
  - IRDM: M. Matteucci (L) + L. Bondi (TA)
  - PAMI: M. Matteucci (L) + D. Eynard (TA)

- Exam grading in DAR (only for Management!!!)
  - DAR = \( \frac{\text{PAMI} \times 5 + \text{IRDM} \times 5}{10} = \frac{\text{PAMI} + \text{IRDM}}{2} \)
    - Both PAMI and IRDM have to be passed with grade \( \geq 18 \)
    - Both exams are on the same day one after the other
    - You can take them separately and register them later
Questions and Comments?

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