About the Data Mining Course

Teacher responsible for the course

- Prof. Marzena Kryszkiewicz
- E-mails: mkr@ii.pw.edu.pl,
  M.Kryszkiewicz@ii.pw.edu.pl,
- Office: 318

- **Lectures:** Thursdays 16:30-18:00, room 12
  Fridays 14:15-15:45, room 12

- **Regular office hours: Tuesday, 13:00-13:45, office 318**
- **Project office hours: Friday, 16:00-16:40, office 318**

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Tests

- There will be 2 regular tests and *optional retake tests*.

Laboratories

- Wednesday, 10:15-14:00, lab. 10
  on **Dec. 11, Dec. 18, Jan. 15, Jan. 29**;
  run by Dr. G. Protaziuk
  (G.Protaziuk@ii.pw.edu.pl, office: 302)

Projects

- Project office hours: Friday, 16:00-16:40, office 318
  led by by Prof. Marzena Kryszkiewicz

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Passing the course…

- In order to pass the EDAMI course, students must achieve a pass grade from each of the **three course components**:
- the lecture part (assessed on the basis of two tests),
- the project part (assessed on the basis of an implemented software and carried out experiments / tests, a report and presentation of the project)
- and the laboratory part (assessed based on laboratory tasks).

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Passing the course

- More specifically, the course is **passed** when:
  – the grade from the **lecture part ≥ 3**,
  – and the grade from the **project part ≥ 3**,
  – and the grade from **laboratory part ≥ 3**.

- Otherwise, the course is **failed**.

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Final grade from the course

- If the course is passed:
  - The final grade is counted as a weighted sum of the grades from the lecture part (T), project part (P) and laboratory part (L):
    $(0.4 \times T) + (0.3 \times P) + (0.3 \times L)$
    and then rounded to a standard grade.
  - Examples of rounding:
    - Weighted sum: 4.21 → Final grade: 4
    - Weighted sum: 4.37 → Final grade: 4.5
- If the course is failed:
  - The final grade is 2.

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Tests…

- There will be two regular tests:
  - Test I: in the middle of the course,
  - Test II: close to the end of the course.
- **Retake tests** (at the very end of the course):
  - will be organized at the very end of the course both for those who would not write regular tests as well as those who will want to retake them.
  - Students will be allowed to choose if they wish to write only test I, or test II or both tests.
  - Participation in a retake test overrides results obtained earlier (if any) from this test.

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Tests

- Both tests are rated on a scale of 0-25 points.
- To pass the lecture part, one needs to score at least 25.5 points:

Point threshold value	Grade
0	2
25.5	3
30.5	3.5
35.5	4
40.5	4.5
45.5	5

- **Note:** During the tests, students may use lecture slides, classnotes and books on data mining.

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Recommended textbook

- Han J., Kamber M., Pei, J., Data Mining: Concepts and Techniques, The Morgan Kaufmann Series in Data Management Systems, 3rd edition, Morgan Kaufmann, 2011

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Optional: accessing papers on the internet

- Querying for articles on the internet :
  - ***Paper_title*** **pdf**
  - **dblp** ***name_of_an_author***
- Examples of articles' search:
  - **Fast Algorithms for Mining Association Rules in Large Databases pdf**
  - **dblp Rakesh Agrawal**

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