DATA ANALYTICS FOR DIGITAL HEALTH
Course Overview

Anna Monreale

Computer Science Department

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Information

- **Instructors**
  - **Anna Monreale**
    - Computer Science Department, Room 295E
    - Email: anna.monreale@unipi.it
    - Office hours: **Thu 14:30-16:00 -** Online using Teams or in my Office (Appointment by email).
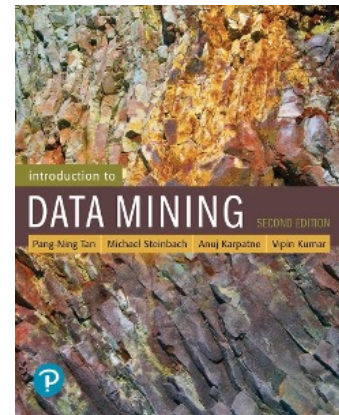 - **Francesca Naretto**
    - Computer Science Department, Room 328
    - Email: francesca.naretto@unipi.it
    - Office hours: **Mon 11:00-13:00 -** Online using Teams or in my Office (Appointment by email).

- **Timetable**
  - Monday   09:00 - 11:00 Room PS4
  - Wednesday   14:00 - 16:00 Room C
  - Friday   11:00 - 13:00 Room PS4

Data Mining

- **Web Page**
    - http://didawiki.cli.di.unipi.it/doku.php/digitalhealth/0001a

- **Learning Material:**
    - **Textbook:** Pang-Ning Tan, Michael Steinbach, Vipin Kumar
      Introduction to DATA MINING Addison Wesley, 2018

- **Slides of the lectures, Python Notebooks**

- **Data mining software**
    - **Scikit-learn**: python library with tools for data mining
      and data analysis

Exam

- **Project**
  - Given a set of data students will address the tasks required
  - Groups of 2 people
  - The dataset will be released during the **first week of October**
  - **Two deadlines:** the first one around the **end November** and the second one **before the end of the year.**
  - **To be delivered**: source code, report on the analysis

- **Oral**
  - Project presentation (with slides) – 15 minutes
  - Open Questions on the program

- **Final Mark:** 70% (project) and 30% (oral)

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Mailing list

- We will publish in Teams a shared document where each student need to provide the following data:
  - name
  - surname
  - student-id (if you have one)
  - Email

Lab of Data Science

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