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Information Retrieval

Persone

Crestani F.
Docente titolare del corso

Landoni M.
Docente titolare del corso

Ravenda F.
Assistente

Verdolotti E.
Assistente

Descrizione

The course assists students in the understanding of techniques for the indexing, retrieval, filtering, clustering, presentation, and evaluation of textual ainformation held in digital archives, web, and information systems. The course complements what the student learned from the previous course on Data Management, where only structured information is dealt with.

Obiettivi

Nowadays more and more information is available in unstructured or poorly structured form. Examples of information of this type are textual documents, web pages, videos, photos, music, blogs, etc. The goal of this course is to enable the student to understand the foundations of managing unstructured or poorly structured information.

Modalità di insegnamento

In presenza

Impostazione pedagogico-didattica

The course consists of theoretical lectures and practical sessions. The practical sessions deal with the design, implementation, and evaluation of an information retrieval system for a small and medium size collection of documents.

Modalità d'esame

Examination will consist of 3 theoretical tests and 1 course project carried out during the semester (no final exam).

Bibliografia

Obbligatorio

- Zhai, ChengXiang, Massung, Sean. Text data management and analysis: a practical introduction to information retrieval and text mining. First edition. New York]: acm books, 2016.

Offerta formativa

- **Bachelor of Science in Informatics**, Lezione, A scelta, 3° anno

Prerequisito

- Data Management, Eugster P. T., Ciniselli M., Mangipudi S., Otoni R. B., SP 2022

Links

Facoltà di scienze informatiche

Informazioni

Semestre	**Autunnale**
Anno accademico	**2023-2024**
ECTS	**6**
Lingua	**Inglese**