

Conferences and Seminars

Text mining

AIMS

The objective of this OT is to discover and experiment with several aspects of knowledge extraction from texts.

CONTENT

We will study the concepts of text cleaning and simplification (preprocessing), text transformation into numerical vectors, grammatical and semantic analysis of texts. We will also cover concepts related to text comparison, information retrieval, and artificial intelligence.

We will delve into text analysis using neural networks and language models.

Additionally, we will explore generative models like GPT.

PRE-REQUISITE

Having basic computer science and programming knowledge

IDENTIFICATION

CODE : IF-5-S1-EC-OT8
ECTS : 6.0

HOURS

Lectures :	0.0 h
Seminars :	48.0 h
Laboratory :	0.0 h
Project :	0.0 h
Teacher-student contact :	48.0 h
Personal work :	48.0 h
Total :	96.0 h

ASSESSMENT METHOD

Small group project. Oral presentation and report

TEACHING AIDS

Lecture slides, references

TEACHING LANGUAGE

English

CONTACT

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