DATA, ETHICS & LAW

5 ECTS,
1/3 pace,
~10 weeks

TEACHING STAFF

ETHICS

Mikael Laaksoharju

Thomas Lennerfors

LAW

Andreas Kotsios

Johanna Chamberlain

On completion, the student shall be able to:

1. apply different critical thinking frameworks to identify ethical dilemmas related to the analysis of data;
2. analyze the social consequences of data processing in specific application contexts;
3. assess an application scenario with respect to a given legal framework;
4. demonstrate knowledge and skills in dealing with and solving ethical problems in connection with the development and use of digital systems;
5. demonstrate the ability to participate constructively in an ethical dialogue and clearly explain ethical positions, choices and decisions;
6. in writing as well as orally, present one of the studied ethics theories (virtue ethics, utilitarianism, ...) in depth.

https://www.uu.se/en/admissions/freestanding-courses/course-syllabus/?kpid=41707&lasar=20

application contexts

application scenario

DEVELOPMENT AND USE
of digital systems

legal framework

critical thinking

SOCIAL CONSEQUENCES

ethical dialogue

ethics theories

Case studies and seminars as learning framework

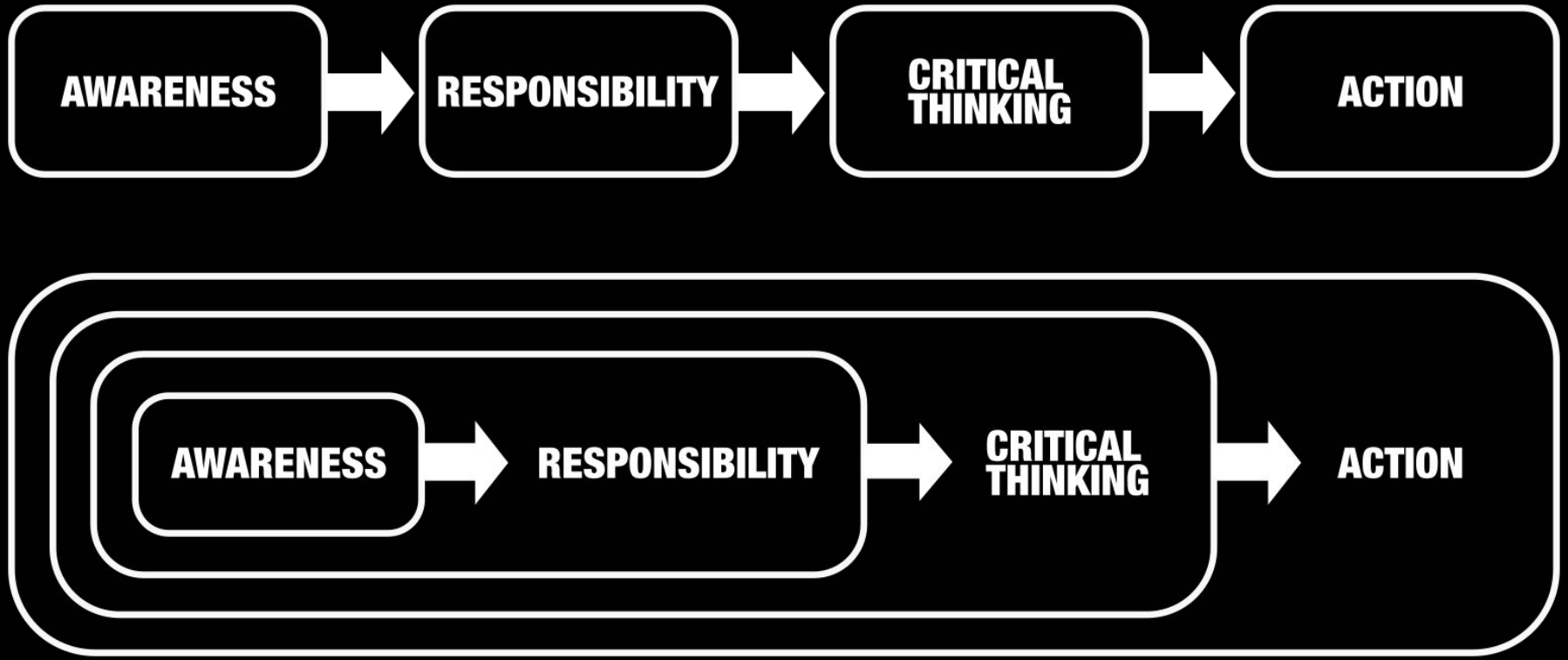
Integration of ethical and legal aspects

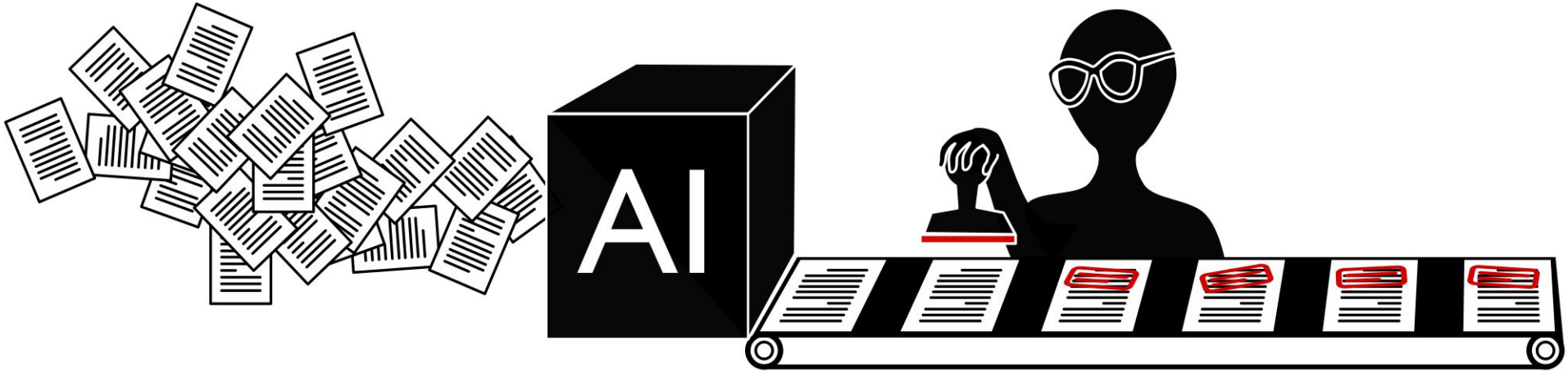
Group assignment followed by individual peer reviews and seminar

Scenario: “Learning Activity Management System”

The company xAMS has developed a technology that uses cameras, microphones, and internet traffic analysis to monitor and assess a person’s activity in a physical room. xAMS has contacted the Future University to sell their solution LAMS (Learning Activity Management System) – a system that helps educational institutions monitor teaching activities in classrooms.

You are part of a team developing algorithms for LAMS


AWARENESS
RESPONSIBILITY
CRITICAL THINKING
ACTION
AWARENESS
RESPONSIBILITY
CRITICAL THINKING
ACTION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