Information Systems & Digital Business

Managerial AI

Summer Semester (annual rotation)

Institute:	Institute of AI in Management
Lecturer:	Prof. Dr. Stefan Feuerriegel
Assistant:	Assistants are annually changing
Weekly hours:	Coaching sessions by individual arrangement.
Credits	6
Examination:	Seminar paper and video presentation, group work.
Prerequisites:	Sufficient programming skills required (e.g., R, Python), such as taught in one of our previous courses ("AI for Managers", "Introduction to AI", etc.).
Course Material:	All course materials will be shared via Moodle. Students are required to self-enrol to the course through Moodle. The self-enrolment key can be accessed via LSF.

Course Description & Main Objectives

In this seminar, students will apply AI methods on real world data to solve managerial problems (e.g., prediction of financial outcomes, internet search trends, etc.). Participants will analyse real world data and apply different AI methods to visualize and gain insights on their data. Students are encouraged to work in teams of two. The teams will summarize all findings in a report and a presentation.

Lectures Overview / Course Outline

Final dates and times will be shared via Moodle.

- All topics will be published on Moodle approx. one week before the semester starts and students can choose their preferred topic in the first week of the semester via Moodle (first come, first serve).
- Coaching sessions by individual arrangement.

- Submission of seminar paper and video presentation through Moodle, usually towards the end of the semester.

Literature
