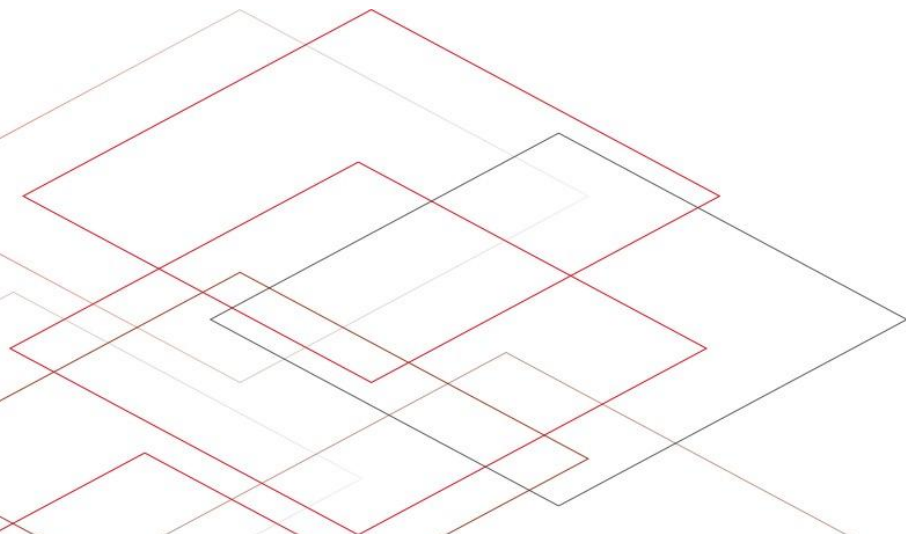


AI in Education Seminar Welcome!

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<https://www.tib.eu/en/research-development/learning-and-skill-analytics>

TIB Lab Learning and Skill Analytics (2018)



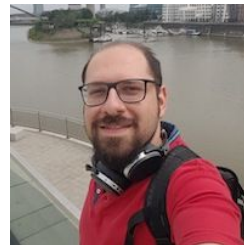
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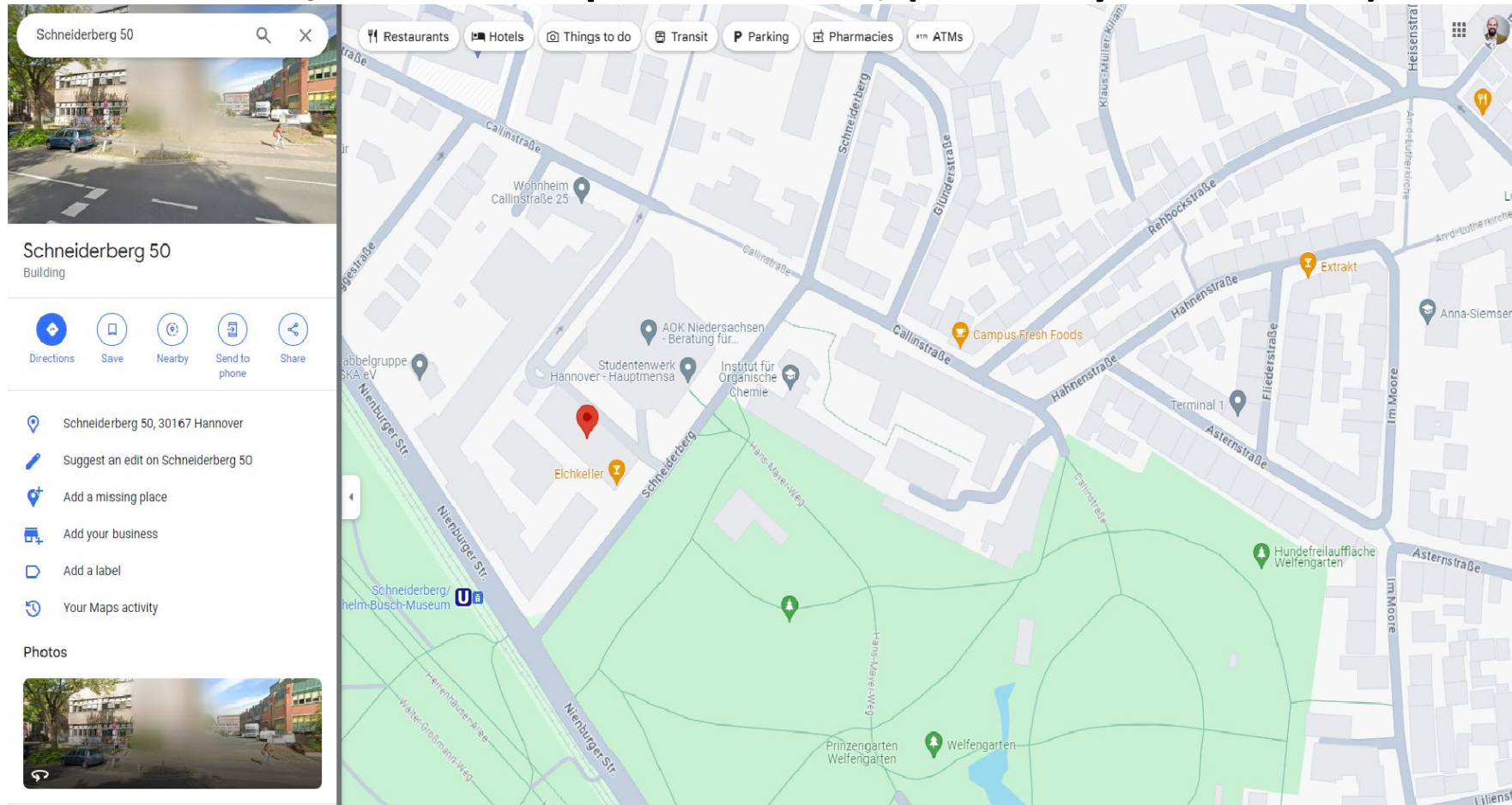
Mohammad Moein

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Location and Dates

Location: Schneiderberg 50 (3109-411)

Date/Time: 3-4 September 2024, (both days 9.15-17.30)



Hackathon

Interactive, very practical

Hackathon

No frontal teaching

Hackathon

Teamwork
(4 people maximum per team)

Hackathon

Solving (part of) a problem

Hackathon

How to enhance the quality of learning
and teaching with data driven (AI) open,
online education?

Hackathon

Student Performance Prediction

Hackathon

Student Dropout and Success Prediction

Hackathon

Automated Essay Scoring

Hackathon

Sentiment Analysis and Exploratory Data Analysis of Educational Data

Hackathon

Topic Extraction from Educational Resources

Hackathon

Matching Educational Outputs with
Labour Market Skill/Job Demand

Hackathon

... or, the topic of your choice

Hackathon

Datasets for the above topics are
available

Background knowledge

Use your skills to solve problems



<https://learn.edoer.eu/journey/143>



Open, community based,
AI-driven learning
platform

Deliverables (team based)

1. Project plan
2. Project plan presentation (3 mins)
3. Prototype concept and first, rapid implementation
4. Presentation of the prototype and lessons learned (10 mins)

Deliverables (team based)

To be uploaded into the team folder in
StudIP

Guiding documents in StudIP

Seminar Outline
Problem Definition
Datasets

Agenda

	Day 1	Day 2
9.15 -10.45	Problem discussion How to approach the problem? Team formation / Team Names Preliminary planning	Group work Goal setting and planning the day Conceptual model and prototyping
9.45 - 11.00	Break	
11.00 -12.30	Group work Brainstorm a solution on the challenge Create a plan for the project Defining the achievable goals of the project until tomorrow 15.00	Group work Conceptual model and prototyping
12.30 - 13.30	Lunch Break	
13.30 - 14.00	Group work Preparing for the presentations	Group work Creating the final presentation of the conceptual model and the prototype
14.00 - 15.00	Presentations of the project plans (3 minutes per team)	
13.00 - 15.30	Break	
15.30 - 17.00	Group work Conceptual model and prototyping	Presentation and discussion of the results (10 minutes per team) Reflections on the process Wrap-up, questions, feedback
17.00 - 17.30	Wrap-up, questions, feedback	

Seminar Outline

Don't forget your own Laptop or device!

Grade

1. Project plan (25%)
2. Project plan presentation (3 mins) (5%)
3. Prototype concept and first, rapid implementation (30%)
4. Presentation of the prototype and lessons learned (10 mins) (20%)
5. Contribution to teamwork (20%)

Questions?