AI @ L U
EDUCATION
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MAGNUS EKBLAD

MIKAEL SUNDBRÖM

TODAY'S SPEAKER

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Mikaël Sundström

Magnus Ekblad

Ambitions

Operative aims

Timeline

Wrapping up
Project ambitions

Overarching ambitions

To propose and help set up new university-wide AI courses
Project ambitions

From Overarching ambitions to operative aims

To propose and help set up new university-wide AI courses
Project ambitions

From Overarching ambitions to operative aims

To propose and help set up new university-wide AI courses

- What is available?
- What can LU do?
- What should LU do?
- Ehh... what is AI?
Project ambitions

To propose and help set up new university-wide AI courses

What is available?

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Project ambitions

To propose and help set up new university-wide AI courses

What is available?

What can LU do?

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Ehh… what is AI?

Courses

Teacher capacity
To propose and help set up new university-wide AI courses

- What is available?
- What can LU do?
- What should LU do?
- Ehh… what is AI?

- Organisation
- Info spread
- Time span?
- Analytical capacity
- Resources

Ambitions
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Wrapping up
To propose and help set up new university-wide AI courses

- **What is available?**
- **What can LU do?**
- **What should LU do?**
- **Ehh… what is AI?**
- **Internal "politics"**
- **Strategic positioning**
To propose and help set up new university-wide AI courses

- What is available?
- What can LU do?
- What should LU do?
- Ehh… what is AI?
Ehh… what is AI?

... so what is a “course in AI”? 
Ehh… what is AI?

... so what is a “course in AI”?
Challenge
Creating an analytical framework that will catch the whole gamut of AI perspectives
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Creating an analytical framework that will catch the whole gamut of AI perspectives

Fundamental techniques
- Theory foundation
- Techniques/methods
- Solution complexes

Application
- “Applied” (science use)
- “Applied” (end-user)

Links to society
- Impact on society
- Governing AI
- Perceptions of AI

Report #1 discusses the analytical framework in some detail
Challenge
Creating an analytical framework that will catch the whole gamut of AI perspectives

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Report #1 discusses the analytical framework in some detail
Project ambitions

To propose and help set up new university-wide AI courses

- What is available?
- What can LU do?
- What should LU do?
- Ehh… what is AI?
What is available?

What can LU do?

What should LU do?
OPERATIVE AMBITIONS

Fact-finding

- **Which** AI courses are LU providing on the first and second cycle education levels?
- **What kind** of AI courses are these?
- **Where** are these courses offered (faculty/cross-faculty)?
- **What teaching resources** do LU have access to?
OPERATIVE AMBITIONS

Active facilitation

- Information source for LU long-term strategic planning
- Active participation in LU information exchange work
- To represent LU in fora where AI education is a focus
- Creating a dynamic information resource (and not just static reports)
**Ambitions**

- **Operative aims**

  - Wrapping up

  □ Courses: technical information
  □ Courses: coding AI type
  □ Courses: teaching team
  □ Teachers: contact info
  □ Teachers: self-assessed AI proficiency
  □ Other AI-related contacts

**What should LU do?**

Creating a dynamic information resource (and not just static reports)
Operative Ambitions

Active facilitation

- Information source for LU long-term strategic planning
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- To represent LU in fora where AI education is a focus
- Creating a dynamic information resource (and not just static reports)
OPERATIVE AMBITIONS

Strategic context analysis
- National benchmarking
- International benchmarking

Strategic proposals
- Listing perceived challenges and opportunities
- Concrete suggestions (both modesta & wild)

What is available?
- Strategic positioning
- Internal “politics”

What can LU do?
- Listing perceived challenges and opportunities
- Concrete suggestions (both modesta & wild)

What should LU do?
Ambitions

Operative aims

Timeline

Wrapping up

**TIMELINE**

- **2020**
  - **Deliverables**
    - Database access pilot
    - Report #1
  - Establishing data gathering and analytical framework & infrastructure
  - LU: course material (gathering + analysis)
  - LU: teacher capacity data: (gathering + analysis)
  - National comparison: gathering and analysing course material

- **2021**
  - Report #2
  - International comparison: gathering and analysing course material
  - Piloting (CPH)
ARE WE ON TRACK?

Ambitions

Operative aims

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Wrapping up

Establishing data gathering and analytical framework & infrastructure

LU: course material (gathering + analysis)

National comparison: gathering and analysing course material

LU: teacher capacity data: (gathering + analysis)

International comparison: gathering and analysing course material

Piloting (CPH)

Report #1

Report #2

Report #3

Deliverables
ARE WE ON TRACK?

LU: teacher capacity data: (gathering + analysis)

National comparison: gathering and analysing course material

International comparison: gathering and analysing course material

Extra resource from S
Sara Thiringer (student assistant)
Ambitions
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TIMELINE

2020

Deliverables
- Database access pilot
- Report #1

Establishing data gathering and analytical framework & infrastructure

LU: course material (gathering + analysis)

LU: teacher capacity data: (gathering + analysis)

National comparison: gathering and analysing course material

International comparison: gathering and analysing course material

Piloting (CPH)

2021

Report #2
Report #3
“We needed to set up our own database to analyse LU-internal data…” does not sound ideal.

To easily add thematic metadata on top of existing data about staff, courses, programmes, and more, would make these kinds of analysis both better and cheaper.

LUCRIS shows promise; LUBAS seems to have an ongoing project of this kind that might need more support/resources.

Pufendorf really works to gather resources under a thematic umbrella. Would it be possible to replicate/complement to include education resources?

AI/Lund is the motherlode when it comes to AI information @ LU. Constructive and dynamic, can this forum be expanded to take on such issues on a permanent basis?
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