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# The focus of this study is the deeper understanding of ethical challenges concerning AI in learning and education

The qualitative research is about companies who develop new Al based tools for schools and other learning environments:

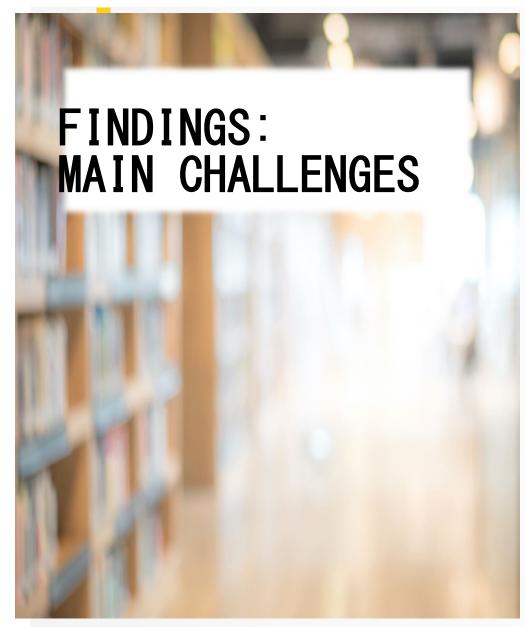
descriptive content analysis of semi-structured interviews (n=8)

#### The main research questions are about

- Challenges,
- Solutions and
- Need of support

The aim is to support equity and lifelong learning in different levels of education as well as in working environments





## **Human and machine learning**

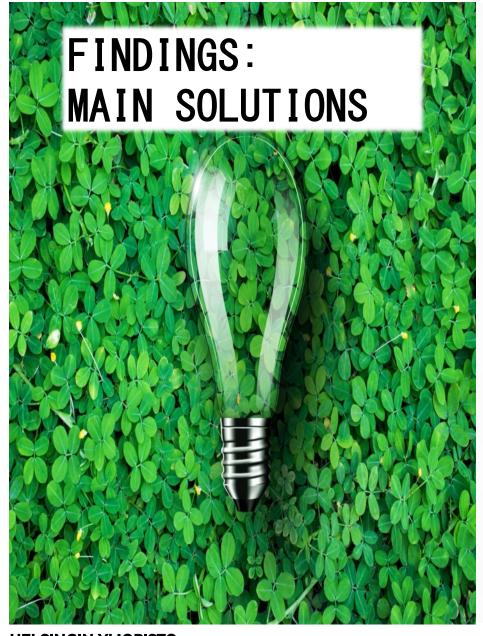
- Inequal (national and global) possibilities to learn about AI and use digital tools and applications
- Safe and trustworthy AI based products and services

#### Regulations

 Difficult and ambiguous legislation (What is ethical AI?)

## **Society**

- Negative public opinion/unrealistic expectations
- Bad reputation of big companies



#### **PREVENTIVE**

Careful product planning, risk analysis, ethical check lists etc.

**SAFE, LEGAL and TRUSTWORTHY** 

UNDERSTANDABLE and ACCESSIBLE

#### **EQUAL**

- Customized training (human and machine)
- Possibilities to participate
- Suitable for all (diversity)

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More **support and collaboration** is needed with working life, schools, researchers, public sector, policymakers, and those who use the services and products

Global collaboration is essential in order to understand economical, juridical, cultural and educational differences

# Future challenges:

How AI related issues such as *privacy, accuracy, property rights, accessibility and other aspects of trustworthiness* could be solved in order to support equity and lifelong learning in different levels of education as well as in working environments?

