IN5210 Seminar 4



Assignment that was due



Next assignment



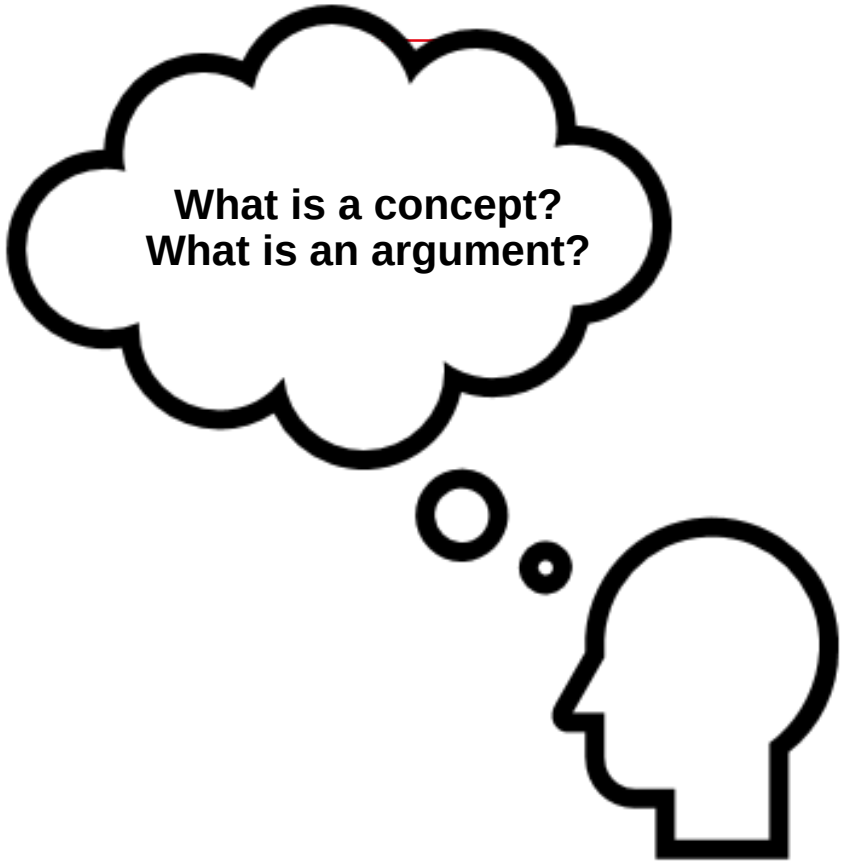
Recap of referencing



This week's topic

Use of sources and citations

- You must reference!
- You must not commit plagiarism!
- Academic Integrity:
  - “Scientific arguments and claims should be open to testing and criticism. Correct use of sources and citations are elements in ensuring this”
  - https://www.uio.no/english/studies/examinations/sources-citations/


What is a concept?
What is an argument?

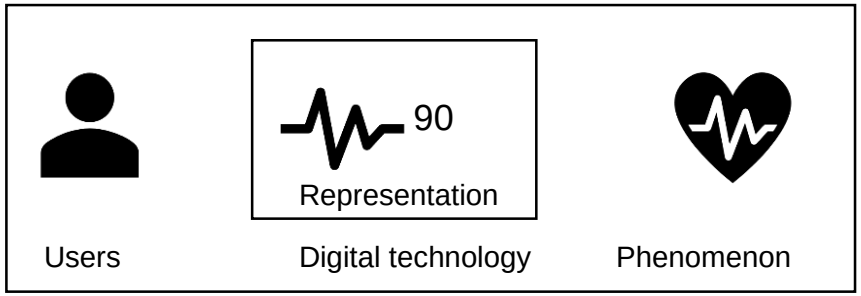
In groups discuss the following concepts:

- Digitizing
- Digitalization
- Digital transformation

Include:

- Definition
- Examples
- Scope

Representational view – Traditional view



- How can we design useful representations?
- How can users organize and learn to use these representations to reach their goals?

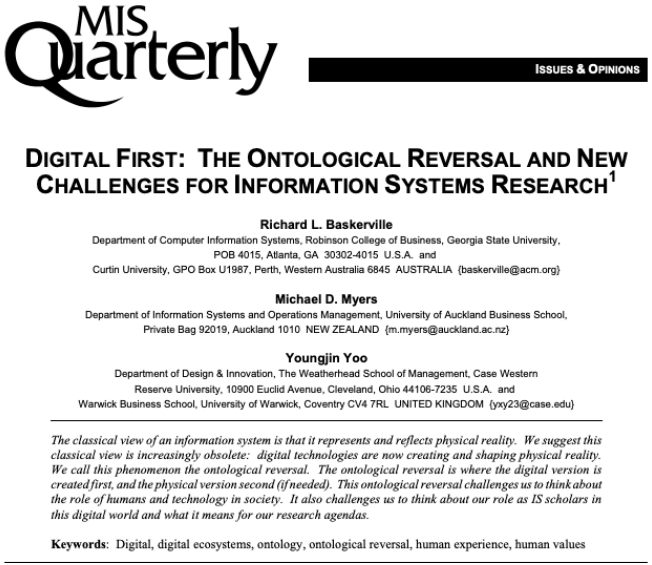
Concept	**Definition**
Data	Symbols processed by machines (McKinney and Yoos 2019)
Representations	Sets of data which are syntactically structured to represent a phenomenon

How do the papers challenge the traditional view?

- Digital First: The Ontological Reversal and New Challenges for IS Research
- Digital Sand: The becoming of digital representations

Reflection assignment #2

- Think of a digital application, platform, or service you use
- How do interacting with the representations in this app/platform/service allow you to interact with people or things that would not have been possible in a non-digital world?
- What kind of data do you think are necessary to create these representations?
- Do you think there any negative or critical aspects to the data generation, transformations or effects related to them?



MIS Quarterly

ISSUES & OPINIONS

DIGITAL FIRST: THE ONTOLOGICAL REVERSAL AND NEW CHALLENGES FOR INFORMATION SYSTEMS RESEARCH[1]

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The classical view of an information system is that it represents and reflects physical reality. We suggest this classical view is increasingly obsolete: digital technologies are now creating and shaping physical reality. We call this phenomenon the ontological reversal. The ontological reversal is where the digital version is created first, and the physical version second (if needed). This ontological reversal challenges us to think about the role of humans and technology in society. It also challenges us to think about our role as IS scholars in this digital world and what it means for our research agendas.

Keywords: Digital, digital ecosystems, ontology, ontological reversal, human experience, human values