



6 people sitting around a table facing a screen on the wall

CURRENTLY EXPERIMENTING ON:

AI-ASSISTED LITERATURE REVIEWS TOOLS & VISUALISATIONS WORKSHOP

When working on applications, research proposals or articles, an overview of existing literature in the field is required. This can take a lot of time and it can be difficult to navigate the landscape of existing research on a given topic.

There are a variety of tools that help with retrieving, sorting, referencing and analyzing relevant literature by visualizing them.

A comprehensive introduction and pipeline of tools can help to use existing programs in a meaningful way, and produce literature reviews that encompass the background knowledge needed to account for the need, value, and timeliness of a proposed research project.

In this workshop series participants were introduced to a number of different visualization and analysis tool.

RESEARCH TOPICS:

- digital tools for literature search
- AI assisted tools for literature visualization and analysis

OBJECTIVES:

- get an overview of new literature landscapes
- create comprehensive literature reviews
- facilitate & speed
- navigate existing AI assisted tools for literature searches
- create literature reviews in visual ways
- create a pipeline of digital tools and AI assisted tools for literature searches

METHODOLOGY:

- introduction to tools available through DTU
- collective literature searches
- presentation of data visualization methods for literature searches
- collective creation of data visualizations

Materials needed & produced

- research topic or textual data that is supposed to be visualized and / or analysed
- access to existing tools Scite.ai, (provided with DTU user)

Facilitators / Presenters:

- DTU library
- Anders Munk