Svein Arne Brygfjeld:
Report on CENL Artificial Intelligence Network Group

Annual General Meeting 2022
19 - 21 June 2022
National Library of Türkiye, Ankara
CENL AI-WG
2021 REPORT

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CENL AI Working Group

- CENL AI-WG: A Working Group under CENL
- Est 2019, extended with new members:
  - Austria, Belgium, Czech Republic, Denmark, Estonia, France, Luxembourg, Norway, Sweden, Switzerland, United Kingdom
- Lead: BnF
- Secretary/Treasurer: NLN
Initial ambition

- Leverage the use of AI in libraries through better understanding and use
- Promote sharing, collaboration and standardisation on AI between institutions
- Identify areas on AI of particular significance for libraries
Tools

- Guidelines, best practice
  - Some in place and shared
- State of the art
  - CENL survey
- WG meetings
  - Very limited by Covid, some Zoom meetings
- Community collaboration
  - Joint efforts with AI4LAM
  - Several open presentations by AI-WG members
  - BL, BnF and NLN key players in AI4LAM
- Conferences
  - AI4LAM Fantastic Futures 2021 at BnF (finally)
  - Round table with BnF, NLN and Stanford Libraries
CENL "AI in Libraries" Network - 2021 Survey

This survey aims to identify the current practice and maturity of AI in European National Libraries. It was carried out during fall 2021 and results were published in March 2022.

23 respondents out of 46 libraries.

Contact: sabrygjel@math. Itky konto.

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E-postadresse *
E-postadressen din

Name *
Svaret ditt

Position *
Svaret ditt

Institution *
Svaret ditt
Who in the library did answer?

- Digital, ICT: 39%
- R&D: 35%
- Executive management: 22%
- Other: 4%
Dedicated AI unit?

- yes; 35%
- creation planned; 17%
- no; 48%
Existing units, type?

- In-house AI R&D lab: 9%
- In-house Datalab or Digital lab with a AI component: 33%
- AI expertise at the ICT dpt: 43%
- External associated R&D lab: 10%
- Research collaboration: 5%
Current activities, type?

- 31% Research
- 26% Production
- 18% Experimental/Proof of Concept
- 16% Strategy/Roadmap
- 9% Critical Review/Study
Engagement on specific areas

- Innovation fellowship: 4%
- R&D partnership: 11%
- HTR: 7%
- OCR correction: 3%
- Image search: 11%
- Automatic cataloging: 14%
- Text mining (NLP): 4%
- Language models: 7%
- Strategy: 11%
- Digital lab, data lab: 14%
Information types

- Print: 25%
- Manuscript: 14%
- Image: 19%
- Voice: 5%
- Video: 7%
- Audio: 7%
- Not yet defined: 1%
- Metadata: 22%
Community awareness


ai4lam (https://sites.google.com/view/ai4lam)

19 (90,5 %)

18 (85,7 %)
Coming

- Workshop in Paris September 2022
  - Practical lab
  - Lightning talks
  - Round-table discussions
  - Strategies
- Practical collaboration with AI4LAM
- Sharing of resources
  - How-to’s & experience
  - Training/test
  - Models
Thanks

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AI Survey: analysis
CENL network group “AI in Libraries”
March 2022

1. Introduction
This report is the analysis of the CENL network group “AI in Libraries” survey of CENL members regarding their AI practices and maturity. This survey was launched in September 2021 and its purpose was based on 3 objectives:

- Identify the current activities or intentions of European national libraries regarding the use of artificial intelligence.
- Identify the right contact person within the libraries regarding AI.
- Recruit new members to the CENL network group.

The report provides an overview of the survey, which received 22 responses from the CENL network of 40 national holders (NLs) from 40 countries.

2. Profile of respondents
The following graph shows the functions occupied by the respondents to the survey, grouped into three main categories:

- Executive management: director, general director, office of the director,...
- Digital, ICT: head of digitalization, ICT director, head of data dept...
- R&D, innovation: head of digital research, head of data lakes, head of digital innovation, research coordinator, AI advisor...