

INTERACTIVE WORKSHOP 3

AI Approaching Us – the Future is Now

Tiina Heino*

Katri Larmo**

Abstract

Introduction

At libraries, we are in the forefront when systems are developed and developing. It is crucial that we as employees get to know new things and services. In that way, we can promote them to our customers. And not only that we also need to feel safe and 'uncover the alien' so we can take them in use.

Methods

In the first part, we present how we approached to familiarize ourselves and our colleagues with AI.

Results and Discussion

In Finland, we have a national association for health information specialists and librarians *Bibliothecarii Medicinae Fenniae ry* BMF ry (established 1980). One of our goals in BMF is to support development and innovations in medical and health libraries and information services. To reach this, in the autumn 2019, we organized a seminar about artificial intelligence "AI AI – what is it and what does it do?" With this seminar, we wanted to help our members to get to know the positive things AI enables.

Presentations covered an introduction of the basics and possibilities of artificial intelligence, a presentation of chatbot project, a showcase of a tool for indexing, and a demonstration of information retrieval service in patents. In our seminar, also our commercial service provider and publisher partners presented their products and services using AI.

In the second part, we introduce two AI-based services. At the Helsinki University Library, we have two services based in the techniques of AI: *iris.AI* in information seeking and *Tegmine*, a tool for patent similarity training. In patents, there is huge amount valuable information, it has been expensive and hard working to search in them, now AI is helping us – and our users. Both service providers are startups,

* Terkko Medical Campus Library, Helsinki University Library, Finland, tiina.m.heino@helsinki.fi

** Terkko Medical Campus Library, Helsinki University Library, Finland, katri.larmo@helsinki.fi

now growing bigger. The startup mind setting suits very well to Helsinki University Library, our medical campus library is located in Terkko Health Hub together with startups in medicine and health. Many of these startups' inventions are based in AI, so also this encourages us to take AI on board!

After each part, we create breakout rooms in which participants are encouraged to discuss their thoughts, like figure out dimensions, pros and cons of usage of AI. After group discussions, we summarize the findings.

Keywords Artificial Intelligence, Co-Operation, Professional Development, Innovations

Bibliography

1. Manyika J, Lund S, Chui M, Bughin J, Woetzel J, Batra P, et al. Jobs lost, jobs gained: Workforce transitions in a time of automation. McKinsey Global Institute 2017;150. <https://www.mckinsey.com/featured-insights/future-of-work/jobs-lost-jobs-gained-what-the-future-of-work-will-mean-for-jobs-skills-and-wages>
2. Mathews B. Think Like A Startup: a white paper to inspire library entrepreneurialism. 2012 April 3,.
3. Mattson M, Hickok J. International Library Partnerships: From Shoestring Startups to Institutional Sponsorships. portal: Libraries and the Academy 2018;18(4):639-650.
4. Restivo L. Why Startups Need Libraries (and Librarians). The Serials Librarian 2014;67(1):31-37.

MARMARA
ÜNİVERSİTESİ