

Building Intelligence with the Artificial

Dr. Leigh Ann DeLyser

Director

Center for Education Innovation and Research

SRI

Artificial Intelligence is using computers
or computation to reason, learn, and act.

Warm Up

A conversation with Niels Bohr using Character.ai

Reflective Questions:

- What do you notice?
- What do you wonder?



Agenda:

- Act: Examples of AI
- Act: Educational uses of AI
- Reason & Learn:
 - Training AI to meet your needs
 - Example Research
- Looking Ahead

The power of AI lies not in its output, but in the models and data that decides what that output will be.

Act



Artificial Intelligence is empowered to make decisions and act. This can be output from a chat bot, selecting the “next” item or activity, or influencing what you see on a screen.



Act



Niels Bohr

By @Eidgul



Niels Bohr c.ai

I am Niels Bohr, it is a pleasure to meet you.

Deciding what to say:

Generative AI predicts what the next words of the text “could” be based on its training (other documents) and selects the most likely.

Act

NETFLIX



E-Commerce sites compare your shopping to others like you in order to show you things you are more likely to buy.

The AI “acts” by selecting products **for you**.

Act



“Smart” appliances will learn your preferences and sometimes be empowered to act for you.

Act



Danish company listening to emergency calls and offering “decision support” to assist in response.

Act

Doing Digital
Differently

Company Case

[Home](#) → [Company Cases](#)

Corti reduces cardiac arrest misdiagnoses by using AI

12.01.2021 5 min read

How can we use artificial intelligence as a diagnostic copilot? In this story, Andreas Cleve, the CEO & founder of the voice-based AI-platform Corti, unfolds how their solution has made a huge impact on cardiac arrest misdiagnoses from day one and continues to do it today.



News

Corti launches real-time AI clinical assistant

The foundation model underpinning Corti's AI-based tool has been trained on over 250,000 patient interactions.

Ross Law | December 10, 2024

Share





The image is a screenshot of the official website of the Ministry of Foreign Affairs of Denmark. The header features the Danish coat of arms and the text 'MINISTRY OF FOREIGN AFFAIRS OF DENMARK Invest in Denmark'. Navigation links include 'Insights', 'Events', 'Webinar on-demand', 'Publications', and '中文'. A secondary navigation bar contains 'SET UP A BUSINESS', 'OUR SERVICES', 'CASES', 'CONTACT', and a search icon. The breadcrumb trail reads 'Home > Insights > Denmark Tops Europe in AI Adoption'. The main content area has a dark blue background with a circuit-like pattern. It features the word 'INSIGHT' in small white letters, followed by the title 'DENMARK TOPS EUROPE IN AI ADOPTION' in large, bold, white capital letters. Below the title, a white text box contains the following paragraph: 'Denmark is setting the pace for artificial intelligence in Europe. In 2024, 28% of Danish companies reported using AI technologies – the highest share in the EU and nearly double the European average of 13.5%. These figures, from Eurostat and Statistics Denmark, underline Denmark's position as a first-mover in deploying cutting-edge digital solutions at scale. For international companies looking to test, scale, or co-develop AI technologies, Denmark offers a rare combination of readiness, agility, and trust.'

MINISTRY OF FOREIGN AFFAIRS
OF DENMARK
Invest in Denmark

Insights Events Webinar on-demand Publications 中文

SET UP A BUSINESS OUR SERVICES CASES CONTACT

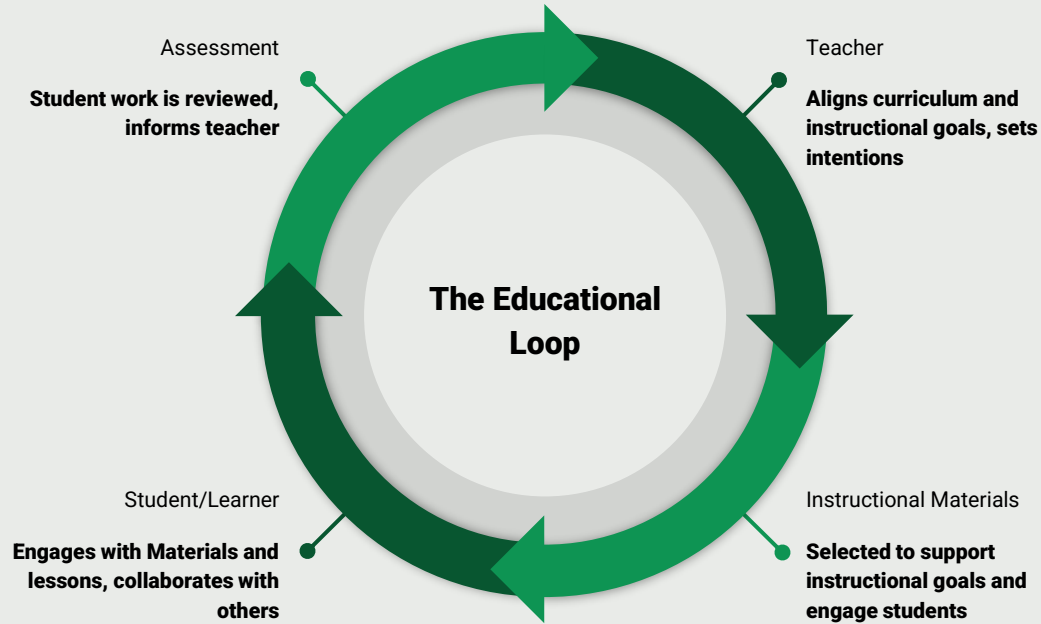
Home Insights Denmark Tops Europe in AI Adoption

INSIGHT

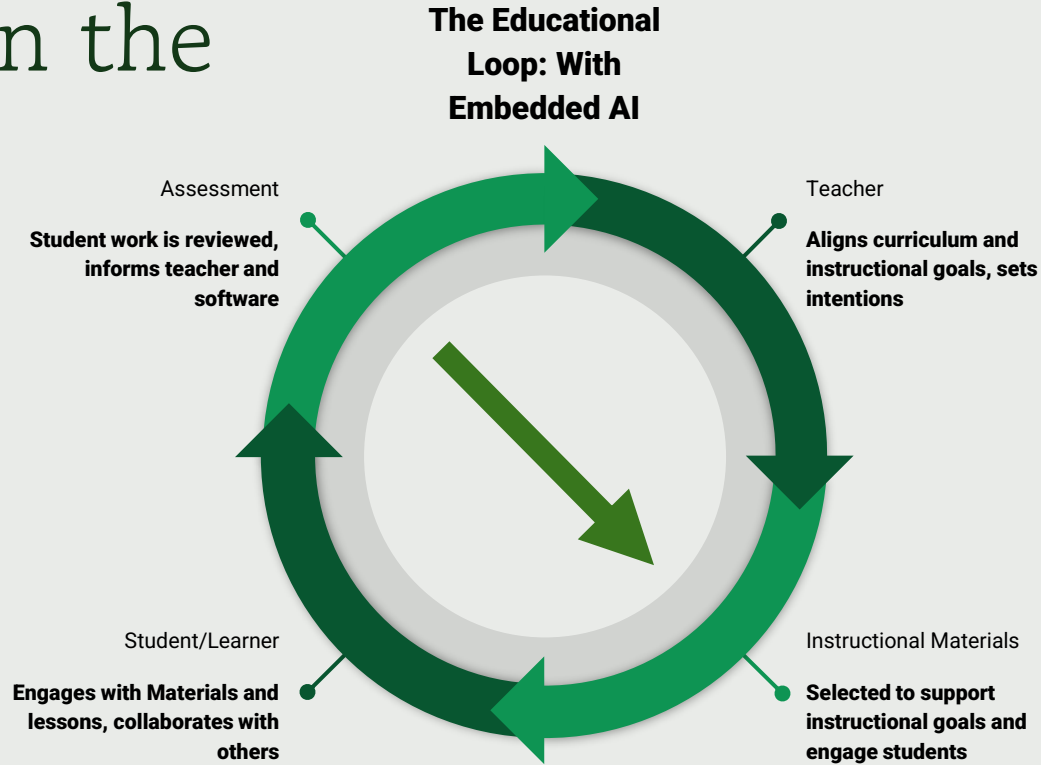
DENMARK TOPS EUROPE IN AI ADOPTION

Denmark is setting the pace for artificial intelligence in Europe. In 2024, 28% of Danish companies reported using AI technologies – the highest share in the EU and nearly double the European average of 13.5%. These figures, from Eurostat and Statistics Denmark, underline Denmark's position as a first-mover in deploying cutting-edge digital solutions at scale. For international companies looking to test, scale, or co-develop AI technologies, Denmark offers a rare combination of readiness, agility, and trust.

Human in the Loop



Human in the Loop



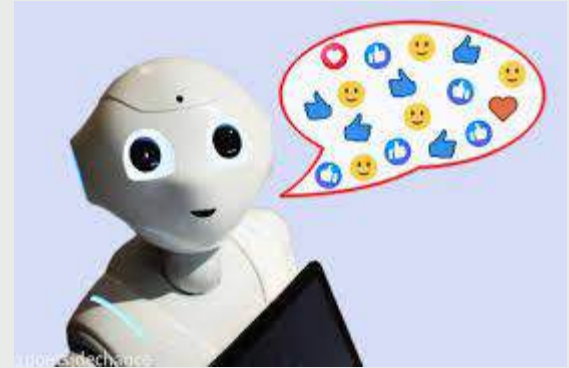
Easy AI:

- Help teachers write lesson plans
- Integrate current tools for lessons and learning (like Character.ai)
- EdTech with embedded AI (problem selection, chat guides)



Reasoning and Learning

- Partnership with the teacher
 - playlab.ai
 - Building new models - training your own classroom GPT to get to know you and your students.
 - Using AI to “notice”
 - Measuring growth over time
-



Activities to try:

- Easy: Dialog and Critique - engage with AI characters and critique based on student research of individual.
 - Medium: Use AI (chatGPT, Gemini, or other) as a group member.
 - Medium: Use AI as a project manager for group work
 - Document role assignments, create to do lists.
 - Advanced: Have students create their own AI GPT
-

Key Take Aways:

AI can support educators and students at every stage in the instructional loop.

AI can be built specifically for your classroom (playlab.ai) and you can control the data used to reason about.

AI can be student's partner, and in doing so we prepare students to see AI as a helper and not answer.

Thank You!

