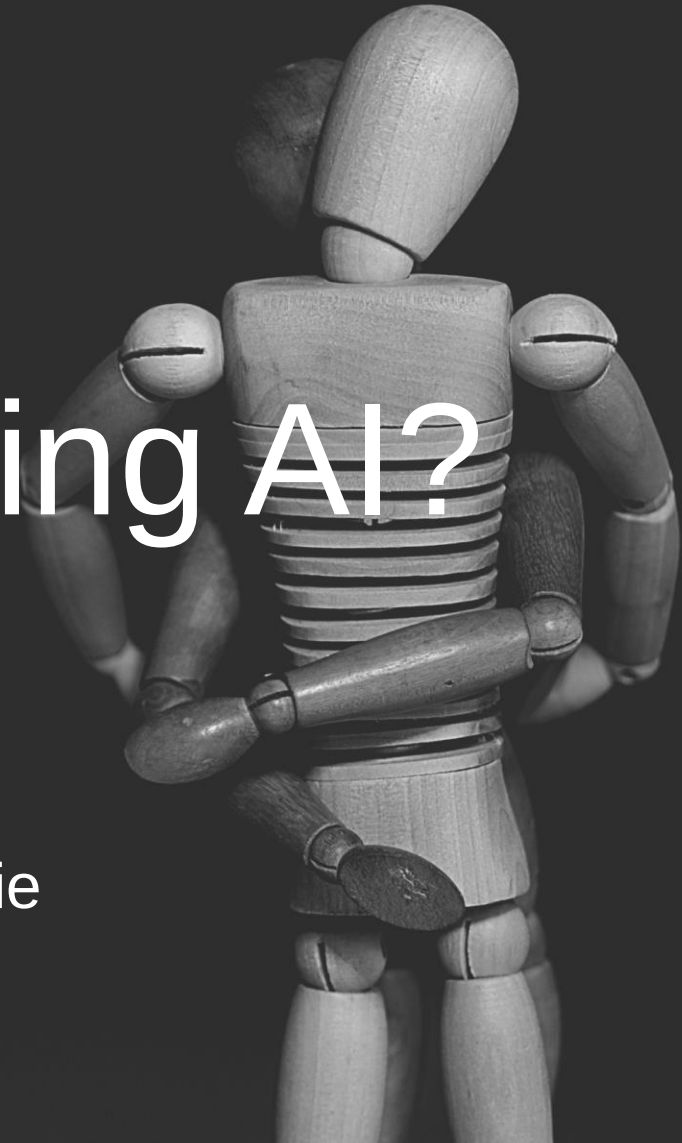


How are we embracing AI?

Stay curious with AI – Feb 6th, 2024

SFS Americas Learning Academy

Johanna Hoelzel, Katalin Westhoff, Dr. Ulrike Dowie



Agenda

1

Motivation

2

AI Terms

3

**Evolution &
Adaption**

4

Open mindset

5

**AI Myths vs.
Reality**

Which fears or hopes do you have regarding AI?



<https://www.menti.com/alwtroy5niav>

“

But we're at the beginning of a new technological era – and the easiest way to mismanage a technology is to misunderstand it.

Jaron Lanier,
U.S. American computer scientist, futurist and computer philosophy writer

Why is now the right moment to embrace AI?



80% of the workforce could have at least **10%** of their work tasks affected by the introduction of Generative AI.



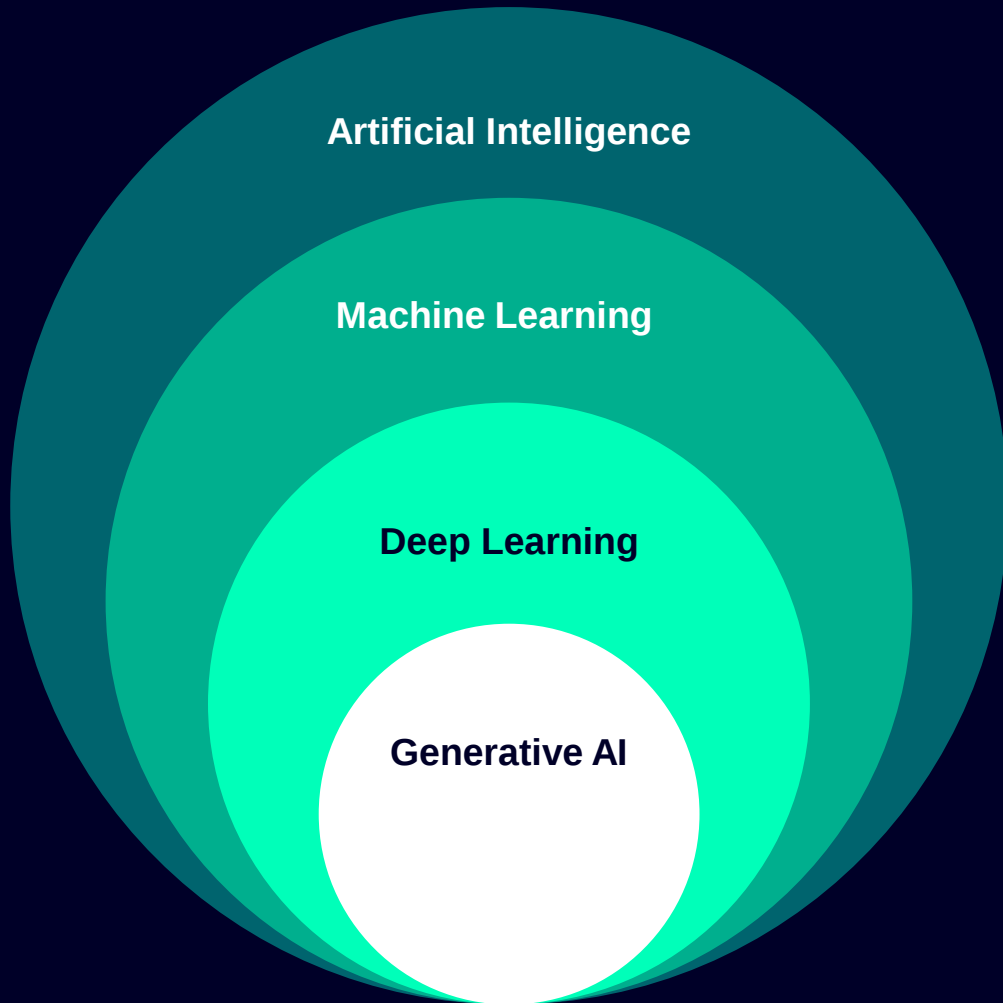
19% of workers may see at least **50%** of their tasks impacted.



All wage levels are affected, with higher income jobs potentially facing greater exposure.

Introduction to Artificial Intelligence

AI consists of different layers which need to be distinguished



Artificial Intelligence

Artificial Intelligence is a field of computer science that seeks to create intelligent machines that can replicate or exceed human intelligence

Example: rule-based system used in a chatbot (without GPT, see below)

Machine Learning

Machine Learning is an application of AI that provides systems the ability to automatically learn, predict, and improve from experience (data) without being explicitly programmed.

Example: SAM: identify document type, identify specific KPIs on a .pdf

Deep Learning

Deep Learning is a subset of ML that uses Neural Networks (similar to neurons working in our brain) to mimic human brain-like behavior to process data and make decisions

Example: Predict credit hits from past transactions and customer data

Generative AI

Generative AI models (such as ChatGPT) can be used to create new written, visual and auditory content given prompts or existing data. Its output resembles a given training dataset.

Example: in the openAI Playground, creating a storyline for a presentation

The pace of AI developments could be overwhelming...



But other groundbreaking inventions in the past have also influenced the way we work, and we have adapted our skillsets...

Printing Press

From reading as an expert job



To a skill everybody needed to learn

Industrial Revolution

From agrarian economy



To manufacturing economy

Personal Computers

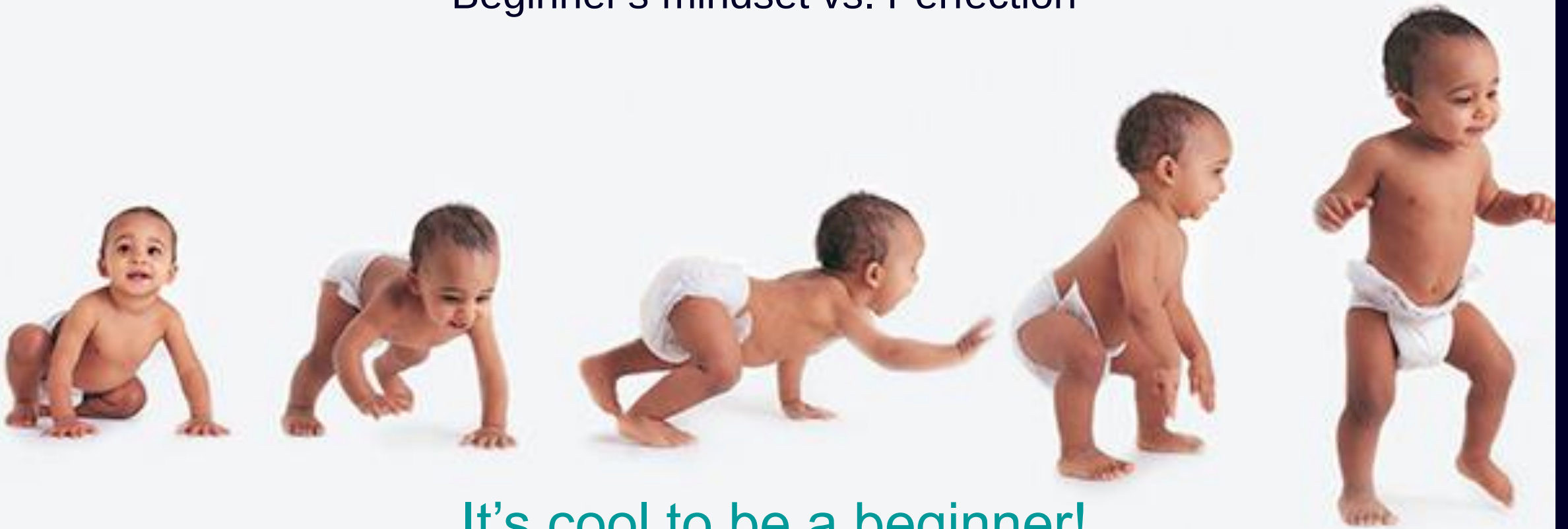
From manual paper based processes using a typewriter



To having personal computers at work

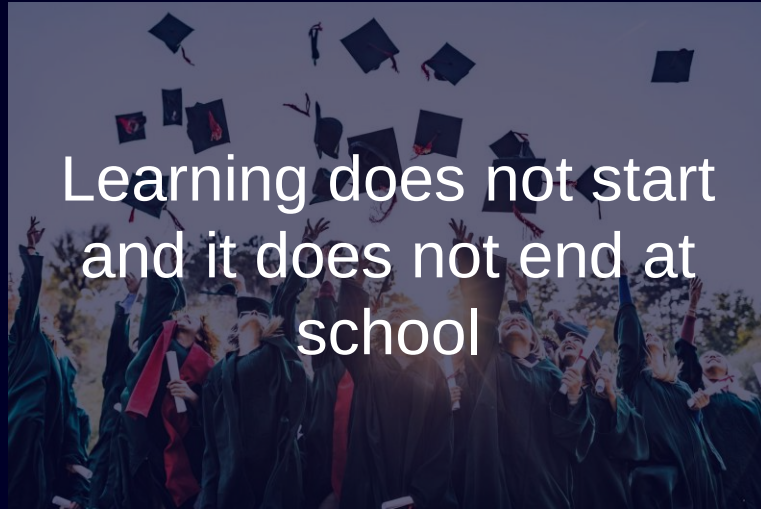
What future mindset do we need?

Beginner's mindset vs. Perfection



It's cool to be a beginner!

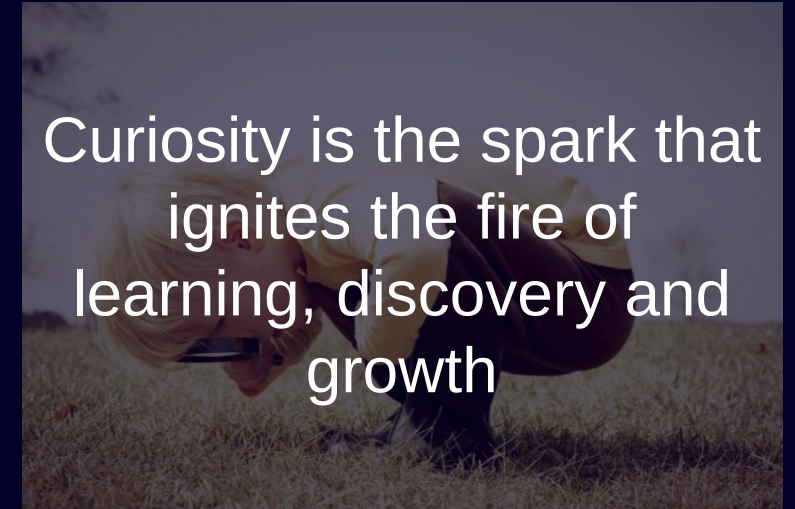
Let's embrace learning now!



Learning does not start
and it does not end at
school



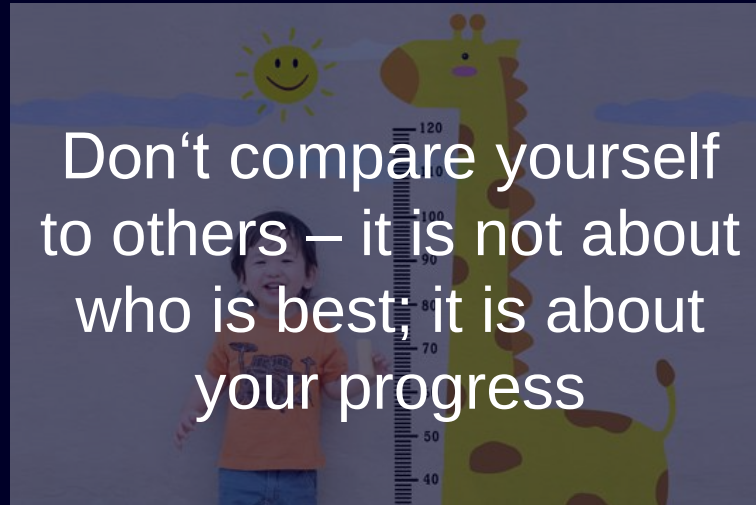
Learning new knowledge
makes us happy



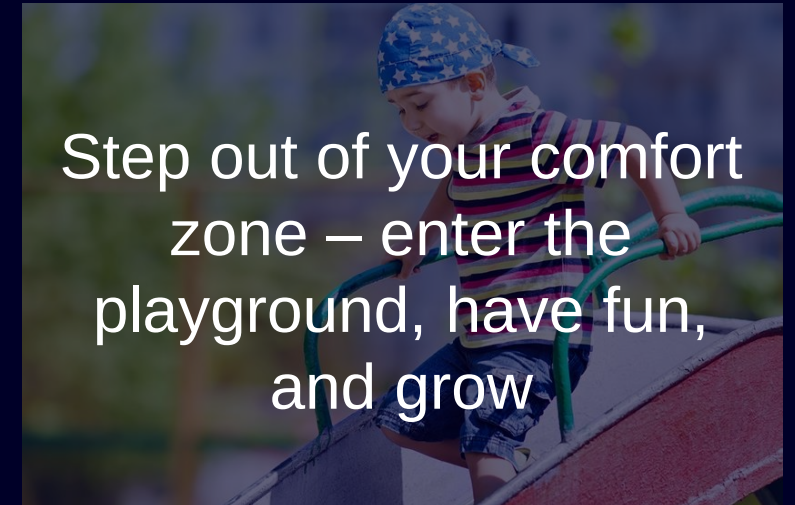
Curiosity is the spark that
ignites the fire of
learning, discovery and
growth



Failure is a necessary
foundation for growth and
development



Don't compare yourself
to others – it is not about
who is best; it is about
your progress



Step out of your comfort
zone – enter the
playground, have fun,
and grow

My personal AI Learning Napkin

Why I want to learn: <i>The time is now....</i> <i>I'll have more fun at work (and in private ;-)</i>		
What I want to learn: <i>What I can do on the openAI playground</i> <i>How I can turn some tedious tasks into faster, more enjoyable ones</i>	How I want to learn: <i>By myself <> with my colleague <> in a group</i>	
	When I want to learn: <i>Early morning</i> <i>During lunch breaks</i> <i>After work</i>	Where I want to learn: <i>In the home office <> at work</i>
	With whom I want to learn: <i>My team colleagues</i> <i>Someone a little advanced</i> <i>Group of people who I do NOT regularly work with</i>	How I plan to reward myself: <i>Announcing on Viva „I did it!“</i> <i>Surprising my team with a cool AI-generated workflow/post</i>

Idee Mentimeter – Myth vs. Truth



<https://www.menti.com/almco35dm4wz>

The real super power of AI comes when we rethink what we do and not just use it for how we do it

During the stone age, the first wheel was invented, which was the basis for many more inventions.....



...inventions without questioning the way we get to places...



...just imagine what we would have missed...

