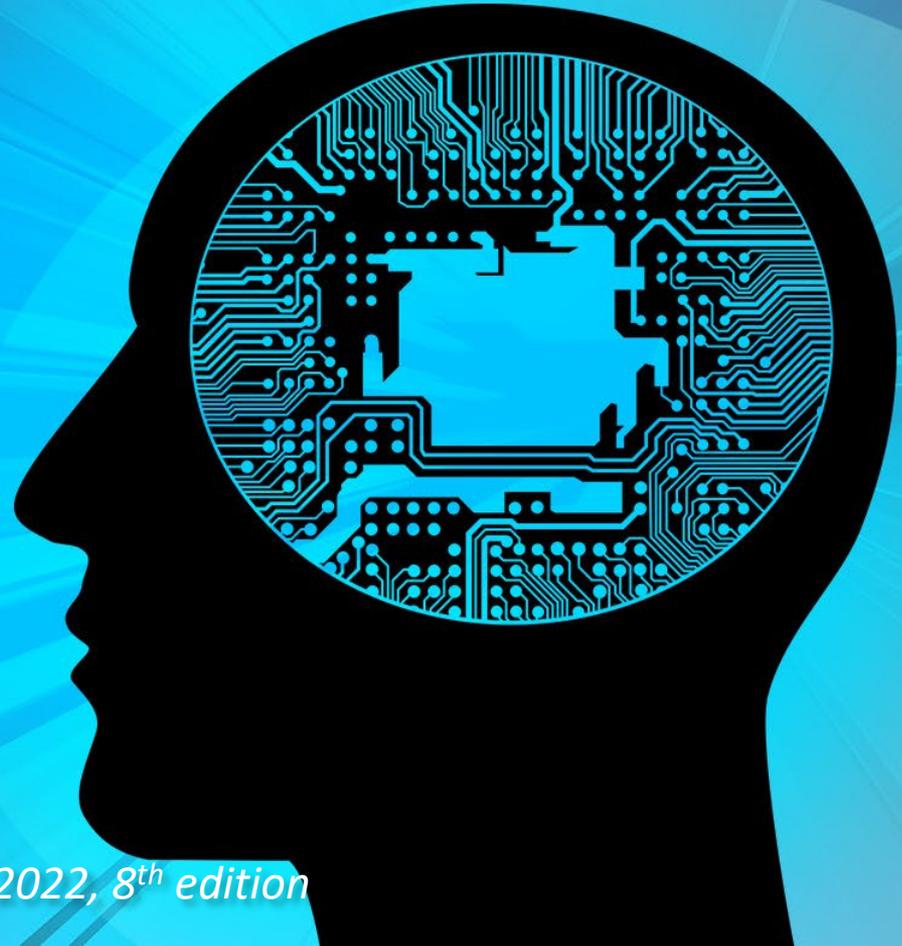


# Artificial intelligence (AI), Financial services & The future of education

November, 10<sup>th</sup>, *International Conference IFS 2022, 8<sup>th</sup> edition*



Professor Dorel PARASCHIV, Ph.D.



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Artificial  
intelligence (AI),  
Financial  
services &  
The future  
of education

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I. The context

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II. Current state of AI in education & training

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III. Best practice – examples

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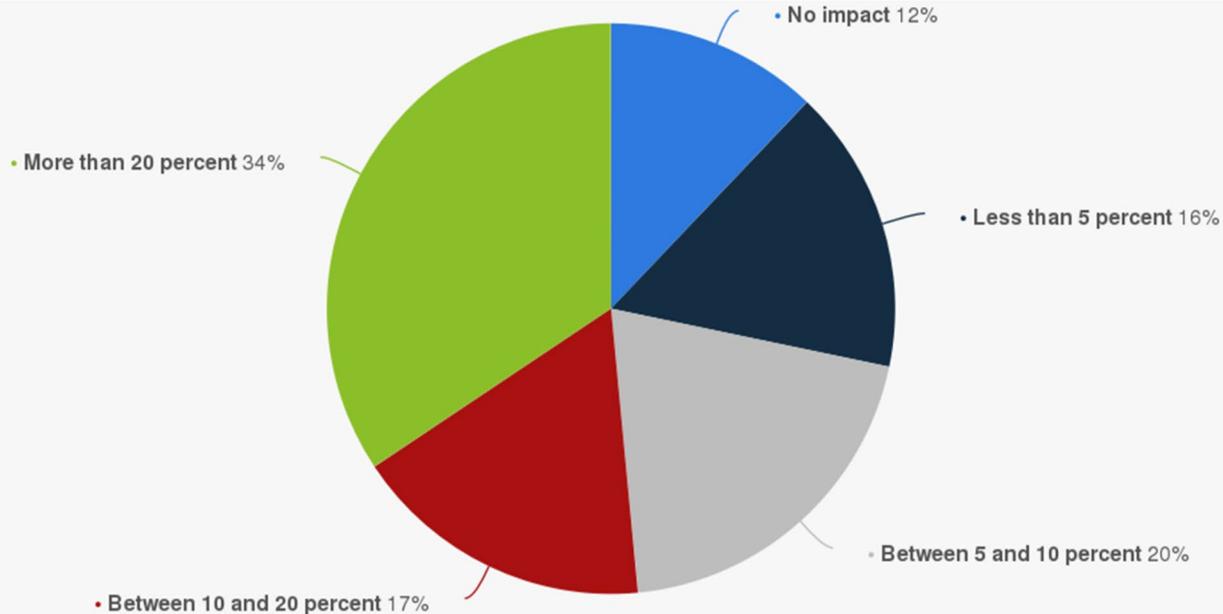
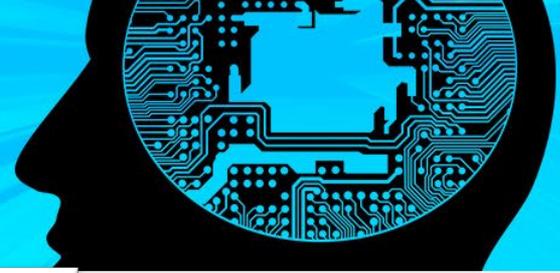
**PRESENTATION OUTLINE**

# Artificial intelligence (AI) adoption worldwide (2021) - by industry and function

	Human Resources	Manufacturing	Marketing and Sales	Product and/or Service Development	Risk	Service Operations	Strategy and Corporate Finance	Supply-chain Management
All Industries	9%	12%	20%	23%	13%	25%	9%	13%
Automotive and Assembly	11%	26%	20%	15%	4%	18%	6%	17%
Business, Legal, and Professional Services	14%	8%	28%	15%	13%	26%	8%	13%
Consumer Goods/Retail	2%	18%	22%	17%	1%	15%	4%	18%
Financial Services	10%	4%	24%	20%	32%	40%	13%	8%
Healthcare Systems/Pharma and Medical Products	9%	11%	14%	29%	13%	17%	12%	9%
High Tech/Telecom	12%	11%	28%	45%	16%	34%	10%	16%

% of Respondents (Function)

Source: McKinsey; Stanford University (2022), [Artificial Intelligence Index Report 2022](#)

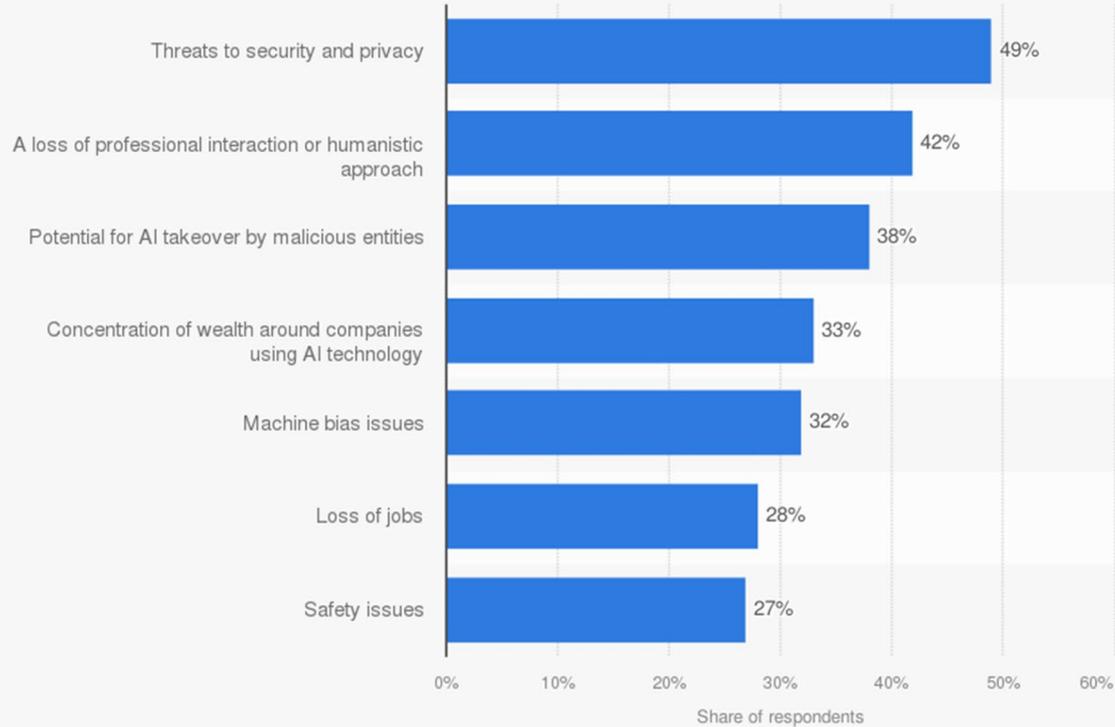


Source  
Nvidia  
© Statista 2022

Additional Information:  
Worldwide; 2020; 200 respondents; Global financial services professionals

Increase in revenue of financial services companies worldwide because of the adoption of (AI) (2020)

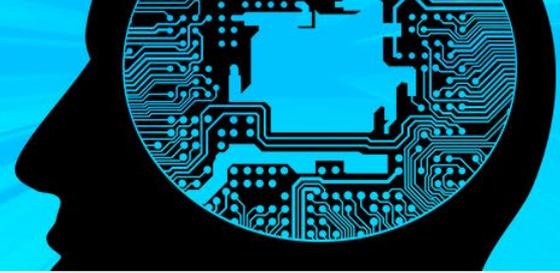
## Ethical concerns regarding use of artificial intelligence (AI) technologies in financial services industry worldwide as of January 2021



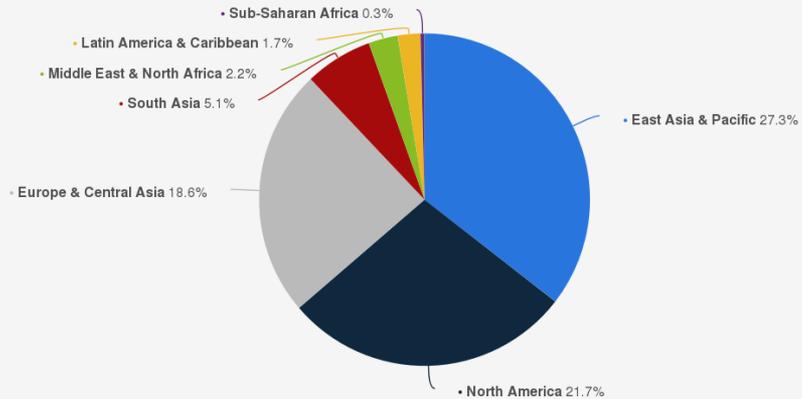
Source  
KPMG  
© Statista 2022

**Additional Information:**  
Worldwide; January 3 to 16, 2021; 150 respondents; Professionals in financial services industry

Misconceptions/  
concerns  
regarding the use  
of AI in the  
industry



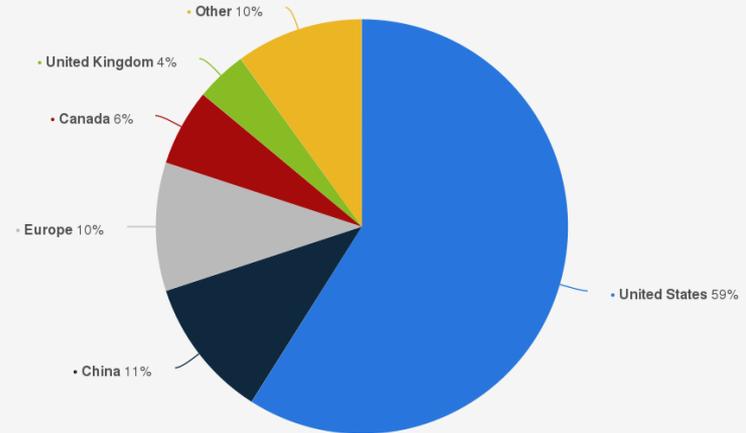
Artificial intelligence (AI) conference publication distribution worldwide in 2020, by region



Sources  
Stanford University; Microsoft  
© Statista 2022

Additional Information:  
Worldwide; Microsoft; 2020

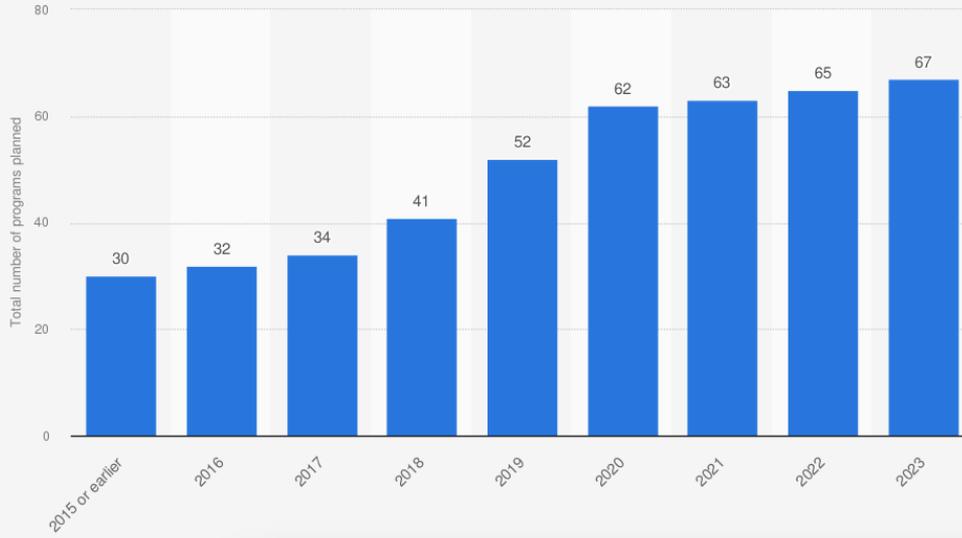
Regional distribution of institutions where leading artificial intelligence (AI) researchers work as of 2019



Source  
MacroPolo  
© Statista 2022

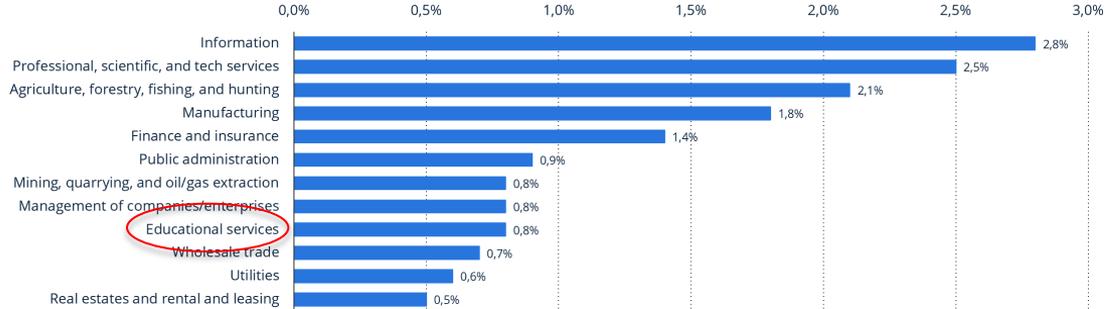
Additional Information:  
Worldwide; December 2019

Number of AI-related programs planned at universities in Denmark from 2015 to 2023



Source  
McKinsey  
© Statista 2022

AI job postings as a share of all job postings



## II. Current state of AI in education & training

# The academia`s way forward

7 - 8 aprilie  
2022

3 Premi

Cele mai bune lucrări vor fi premiate



Premiere lucrări de comunicări studențești – ABC-ul lumii financiare

- Premiul I - 1500 lei
- Premiul II - 1000 lei
- Premiul III - 500 lei

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### SmartFIN@ISF - Seminare de perfecționare vocațională

SmartFIN@ISF - Seminare de perfecționare vocațională  
februarie – mai 2021

Institutul de Studii Financiare în parteneriat academic cu universitățile din România susține demersurile de educație financiară prin atragerea studenților din ani terminali, ciclul licență sau master.

Proiectul de seminare de perfecționare vocațională are drept obiectiv îmbunătățirea abilităților și cunoștințelor studenților care vor deveni consumatori de servicii financiare (la finalul studiilor) dar și potențiali angajați în piețele financiare (asigurări, bănci, pensii private, investiții).

### Academia de Asigurări



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9 Iunie 2022, BUCUREȘTI



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## ACADEMIA DE INVESTIȚII

Lansare  
5 Octombrie 2022

**BURSA DE VALORI BUCUREȘTI**

**AAF** ROMÂNIA



## *References - selection*

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- McKinsey, Stanford University (2022). *Artificial Intelligence Index Report*, page 161
- Nvidia (2021). *The State of AI in Financial Services*, page 3

