

Rise Like a Phoenix or Perish Like the Dodo: Forging the Future of Recruiting

Future of Talent Retreat | May 2024
Kevin Wheeler | Utrecht





A World and a Profession in Turmoil

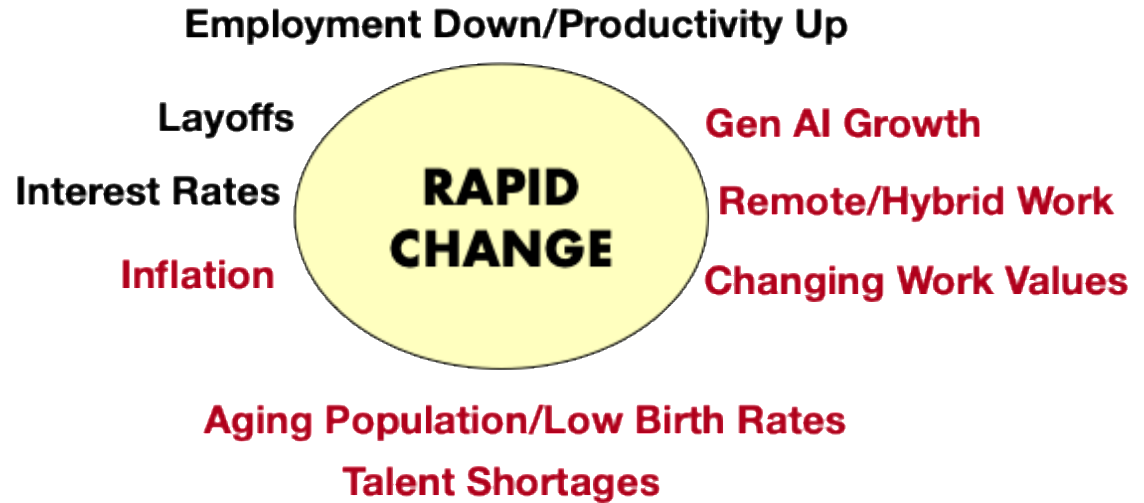
- This the start of a decade of reinvention
 - Building new systems & ways of recruiting
 - Developing new skills and attitudes
 - Transforming & Expanding our charter



Recruiting Trends

A Look at Economic, Work, Demographic, Social, Organizational, Industry Trends

Convergence of Many Trends

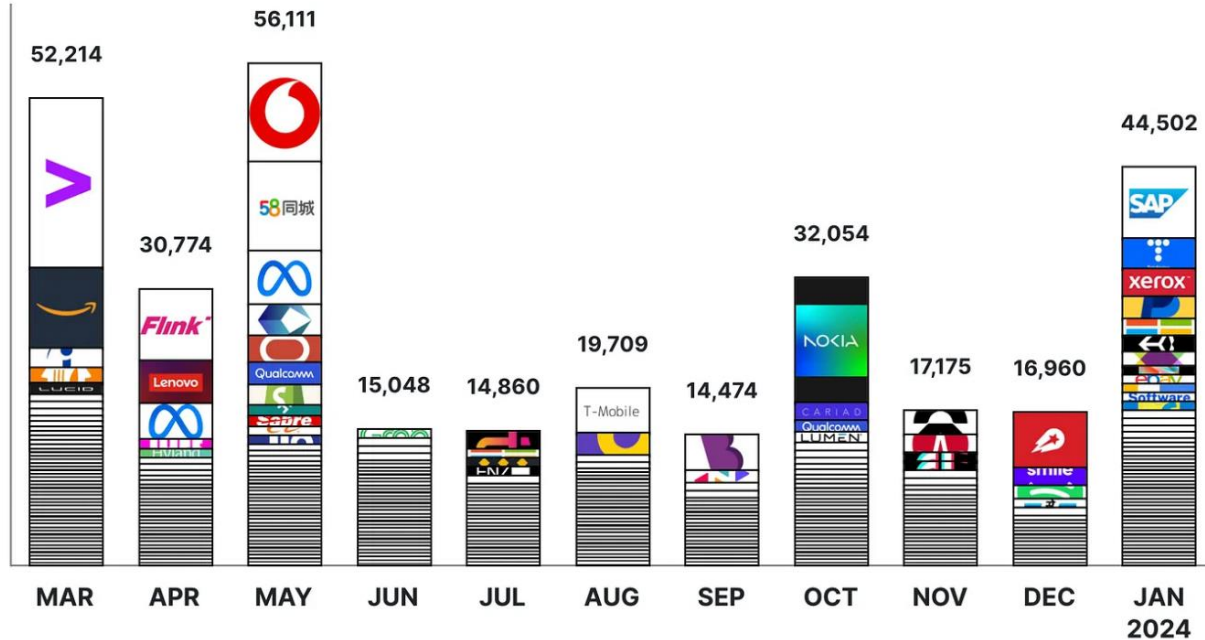


Red = Universal Trends

Black = North America primarily

of Tech Employees Let Go

as of January 31, 2024



source: trueup.io/layoffs

More than 42,300 tech jobs have been eliminated in the SF Bay Area since 2022.

Job postings

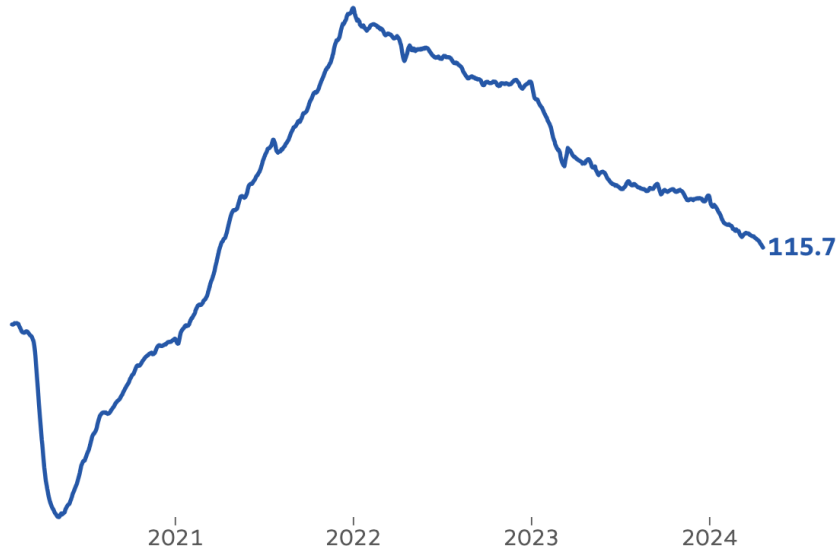
Index change in job postings (February 1, 2020 = 100)
Up to and including April 19, 2024

Week-over-week

-0.9%

Year-over-year

-12.9%



Source: Indeed

The Netherlands - A cooling job market
The number of active job postings
has decreased by around 10%

Remote work

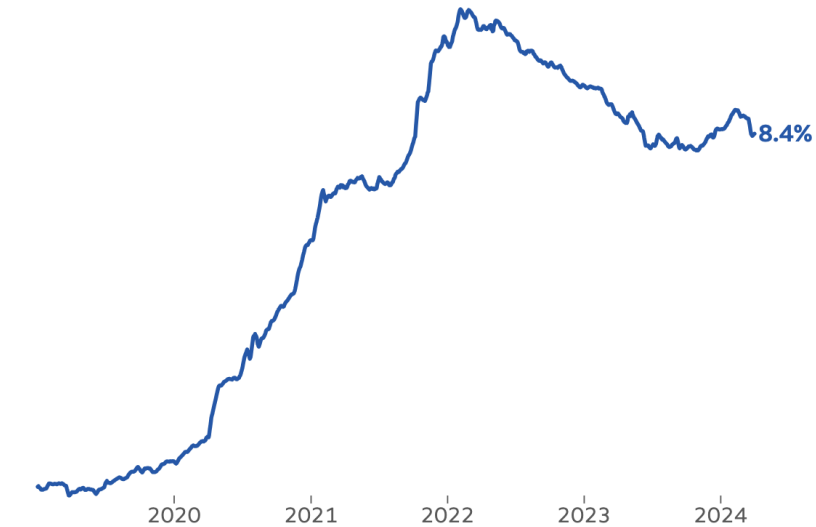
Share (%) of job postings mentioning remote/hybrid terms
Up to and including March 31, 2024

Week-over-week

+0.0pp

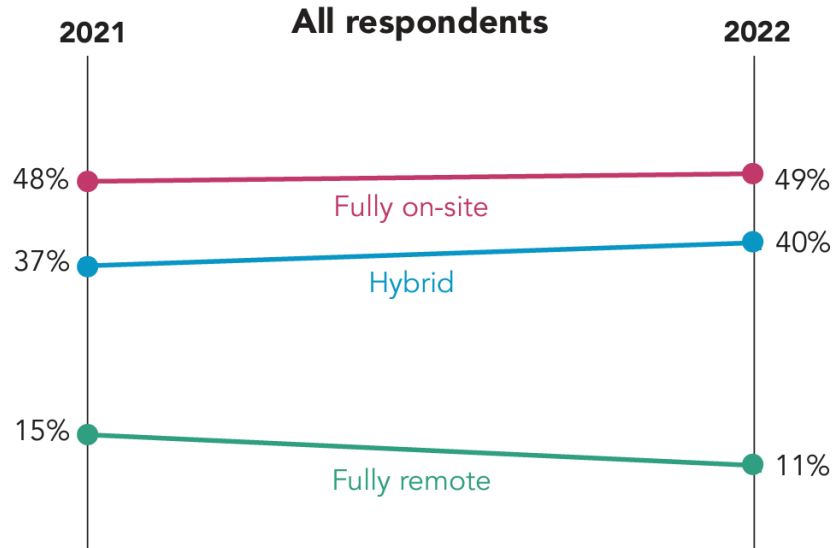
Year-over-year

-0.3pp



Source: Indeed

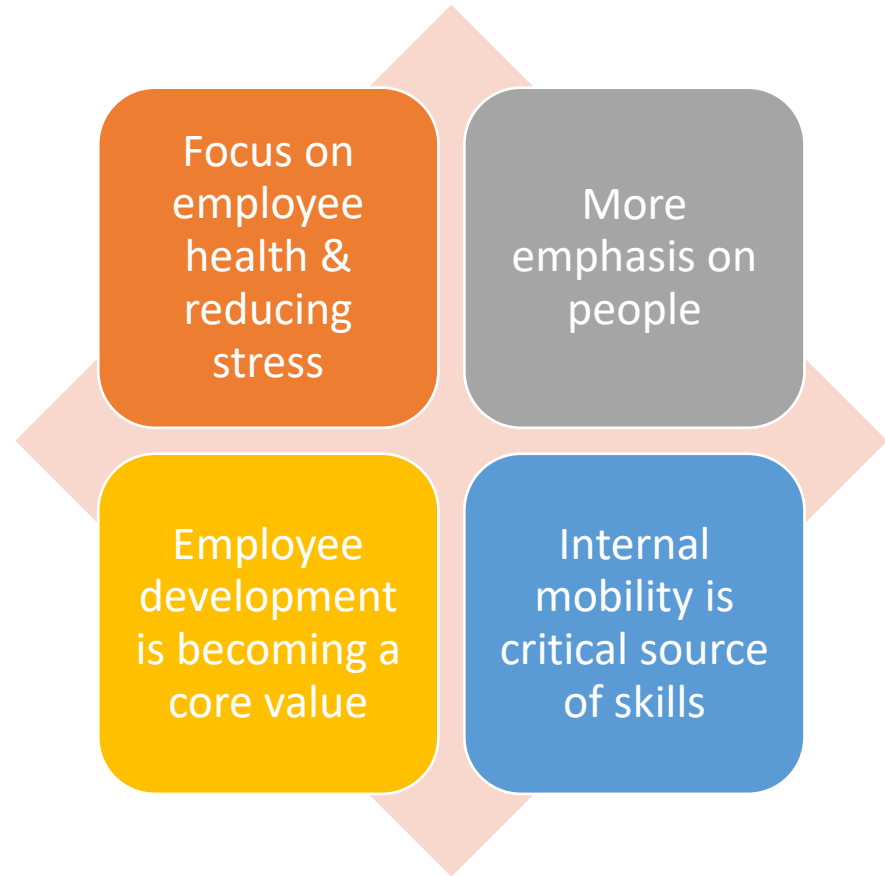
The State of Work Today



Source: [Workhuman](#)

Most tech and financial service workers have settled into a permanent hybrid and remote working model.

Corporate Culture & Values



Changing Leadership

- Less focus on MBA/finance-oriented leaders
- Return to leaders with deep understanding of the core business
- Reward employees who bring innovation and challenge the status quo

CEOs with an MBA or finance background tend to favor financial stability & shareholder returns at the expense of innovation and quality.

Boeings focus on financial metrics over engineering and quality led it to its current problems.

Employers are becoming less likely to include education requirements in job postings

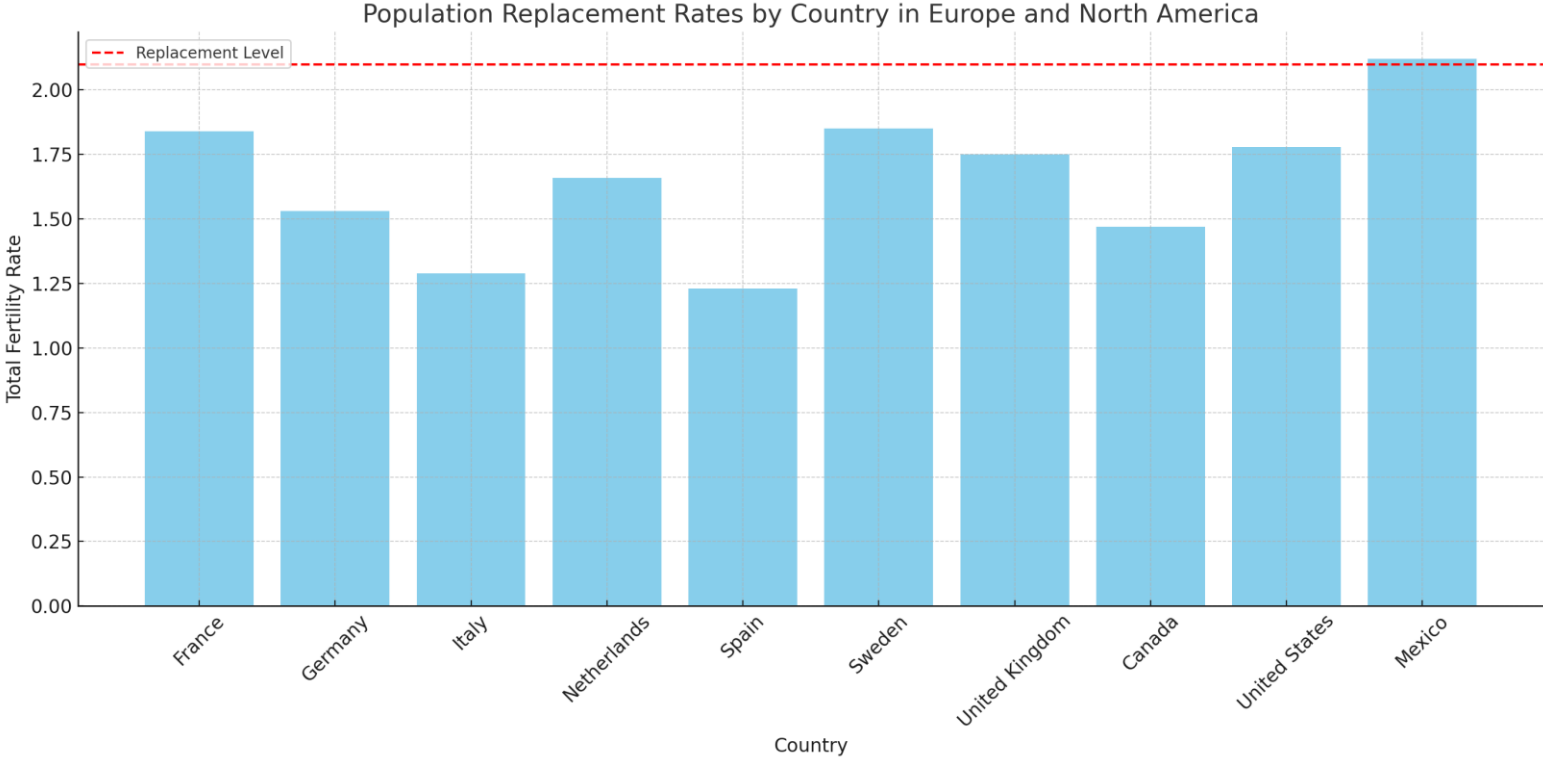
Based on lowest educational requirement mentioned in job posting

Education level	Jan 2019	Jan 2024	Change (PPT)
No education mentioned	48.4%	52.4%	4.0
High school diploma or below	27.1%	25.9%	-1.2
Trade school or some college	0.5%	0.5%	0.0
Associate degree	3.6%	3.3%	-0.3
Bachelor's degree or above	20.4%	17.8%	-2.6

Source: Indeed. Data adjusted for changes in occupational mix over time and based on lowest requirement mentioned



Population Replacement Rates



When Birthrates Fall

- Pension systems may become unsustainable
- Healthcare costs increase
- Skill gaps appear as experienced workers leave
- The tax burden on the working population increases
- Family dynamics, community structures, and educational institutions face challenges of cohesion and support
- Immigration becomes an economic and political issue



WHERE IS THE TALENT?

Ranking global cities by talent flows

Times a city registers as a top-25 destination for talent flows

★ GLOBAL SUPERSTAR HUBS (MORE THAN 30) |
 ✦ GLOBAL TALENT HUBS (16-30) |
 ● SIGNIFICANT HUBS (11-15) |
 — REGIONAL HUBS (5-10)



★ GLOBAL SUPERSTAR HUBS	✦ GLOBAL TALENT HUBS	● SIGNIFICANT HUBS	— REGIONAL HUBS
London 49	Dubai* 26	Chicago 14	Houston 9
New York 36	Bengaluru 24	Toronto 14	New Delhi 9
	Dublin* 24	Barcelona 14	Dallas 7
	Paris 21	Seattle 14	Munich 7
	Singapore 21	San Francisco 13	Milan 6
	Los Angeles 18	Amsterdam 13	Vienna 6
	Berlin 18	Madrid 13	Chennai 5
		Sydney 13	Frankfurt 5
		Austin 13	Vancouver 5
		Hong Kong 12	
		Boston 12	
		Melbourne 12	
		Abu Dhabi* 12	
		Washington, DC 12	
		Atlanta 11	
		Miami 11	
		Mumbai 11	

Note: Cities in mainland China and Russia are excluded because of low coverage in the LinkedIn data. But, given the current geopolitical situation, this likely does not materially affect our analysis of the global system of Meta Cities.

*Scores for Dubai, Abu Dhabi, and Dublin are based on our analysis of national-level data as provided by LinkedIn.

Source: LinkedIn data, August 2022 to July 2023

HBR

Work Ecosystem is Changing

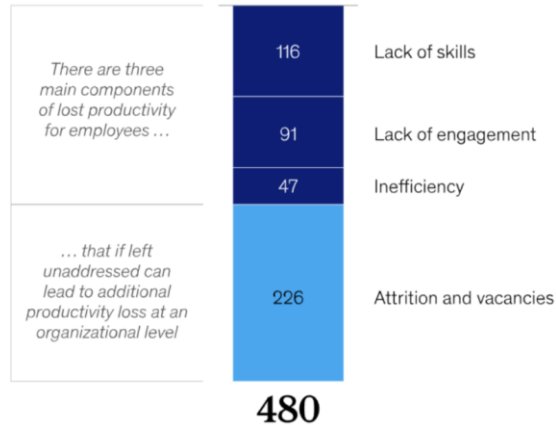


Source: Seekout/Marvin Smith

PRODUCTIVITY

Factors that drag down employee and organizational productivity could cost a median-size S&P 500 company roughly \$480 million a year.

Annual value at risk from loss in employee productivity, median-size S&P 500 company,¹ \$ million

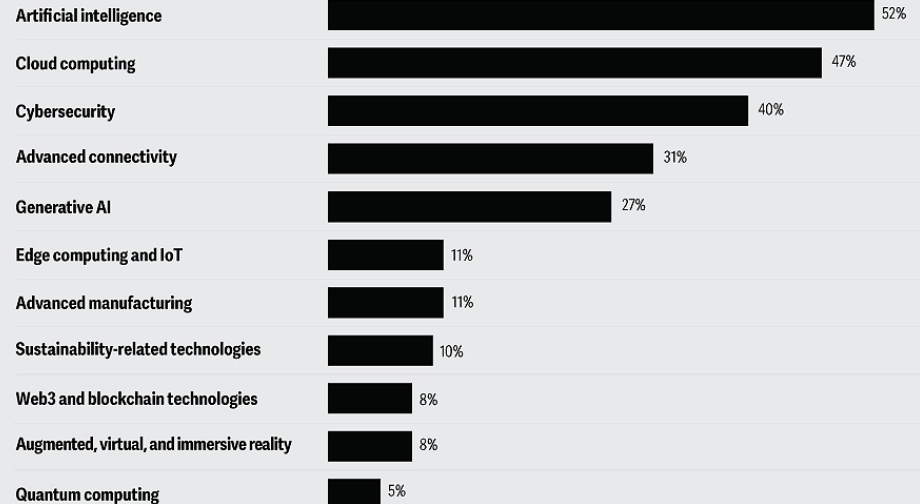


Vincent Bérubé, Ben Fogarty, Neel Gandhi, Rahul Mathew, Marino Mugayar-Baldocchi, and Charlotte Seiler

What Will Drive Future Growth?

AI and cloud computing are ranked most likely to drive growth over the next year

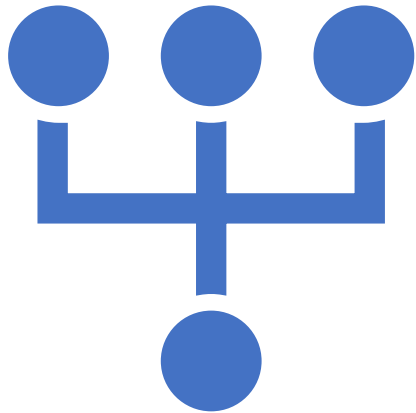
Technologies expected to enable the most growth in the next 12 months



Note: n = 122.

Source: Deloitte Center for Technology, Media & Telecommunications' survey of tech industry leaders, October–November 2023.

Deloitte. | deloitte.com/us/en/insights/research-centers/center-for-technology-media-telecommunications.html




Organizational Structures in Flux

- Less hierarchical and formal
 - Smaller/leaner
 - Cross-functional teams
 - Decentralized decision-making
 - Project-based approach
- Requires
 - Agility
 - Flexibility
 - Multi-skilled employees
 - Analytics and Use of generative AI



Industry growth sectors over the next decade

- Technology
 - Operational Technology
 - Artificial Intelligence
 - Cybersecurity/Infrastructure consulting
- Healthcare
 - Aged care/Home care
 - Health-related technology
 - Telemedicine
 - Pharmaceuticals
- Sustainable Food
 - Artificial and plant-based foods
 - Cultured cell-grown meat products
 - Higher yield crops through genetic engineering
- Green Energy
 - Solar & alternative energy
 - Hydrogen
 - Electric cars & transportation systems



Industry sectors
declining or
stable over the
next decade

- Traditional Retail
- Oil & Gas
- Coal Mining
- Media and Print

Questions

- What are the trends you are seeing?
- Do the ones I have mentioned seem relevant to The Netherlands?
- What have I missed?





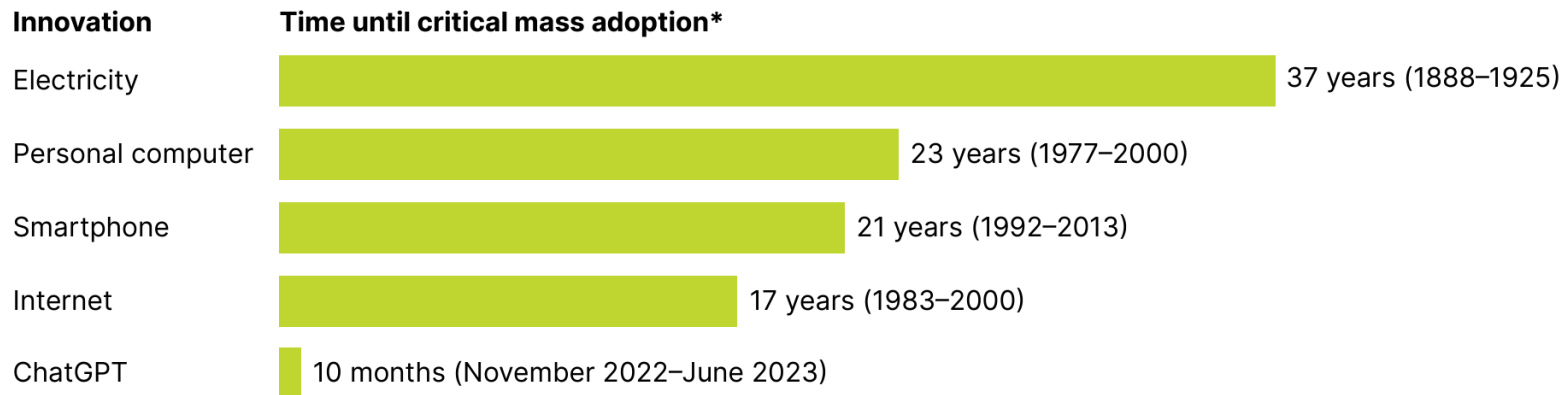
The Rise of Artificial Intelligence

The Top 25 Most Influential Technologies in Human History (Ranked by ClaudeAI)

1. Electricity (100)
2. Wheel (95)
3. Internet (94)
4. Artificial Intelligence
5. Printing Press (92)
6. Agriculture (91)
7. Steam Engine (90)
8. Computers (89)
9. Antibiotics (88)
10. Vaccines (87)
11. Refrigeration (86)
12. Automobile (85)
13. Telephone (84)
14. Plastic (83)
15. Concrete (82)
16. Airplane (81)
17. Radio (80)
18. Television (79)
19. Compass (78)
20. Paper (77)
21. Firearms (76)
22. Optical Lenses (75)
23. Steel (74)
24. Railways (73)
25. Semiconductor Electronics (72)

From inception to integration

ChatGPT has reached critical mass adoption faster than other modern innovations



The Power of AI

\$20 trillion (20% boost)
to global GDP by 2030

More than 50% of
employees say they use
generative AI weekly at
work

60% of white-collar
workers say they fear
their roles will become
redundant or automated

30% of jobseekers have
begun looking for a new
role due to generative AI

300 billion work hours
saved globally each year,
equivalent to an average
of roughly two hours per
person weekly

96% of employees say
generative AI can benefit
their jobs

57% of employees report
they are currently
receiving insufficient AI
training from their
employer

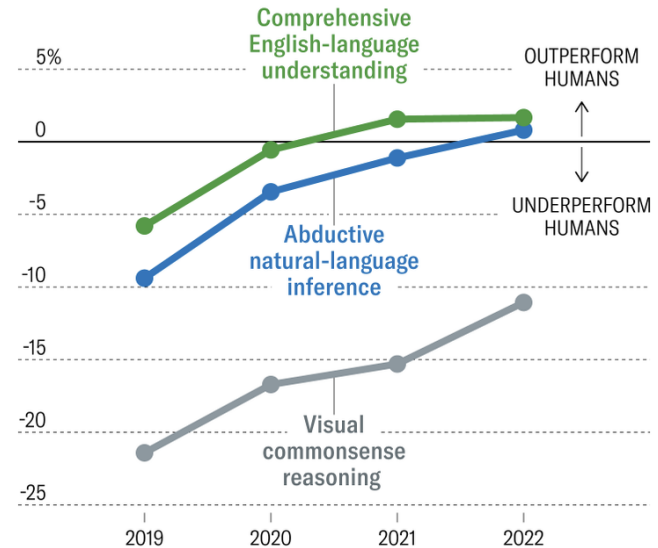
40% increase in labor
productivity by 2035
across developed
countries

Sources: Oliver Wyman Forum analysis, Frontier Economics and Accenture

Where AI Is Better than Humans

Leading AI Models vs. Human Baseline

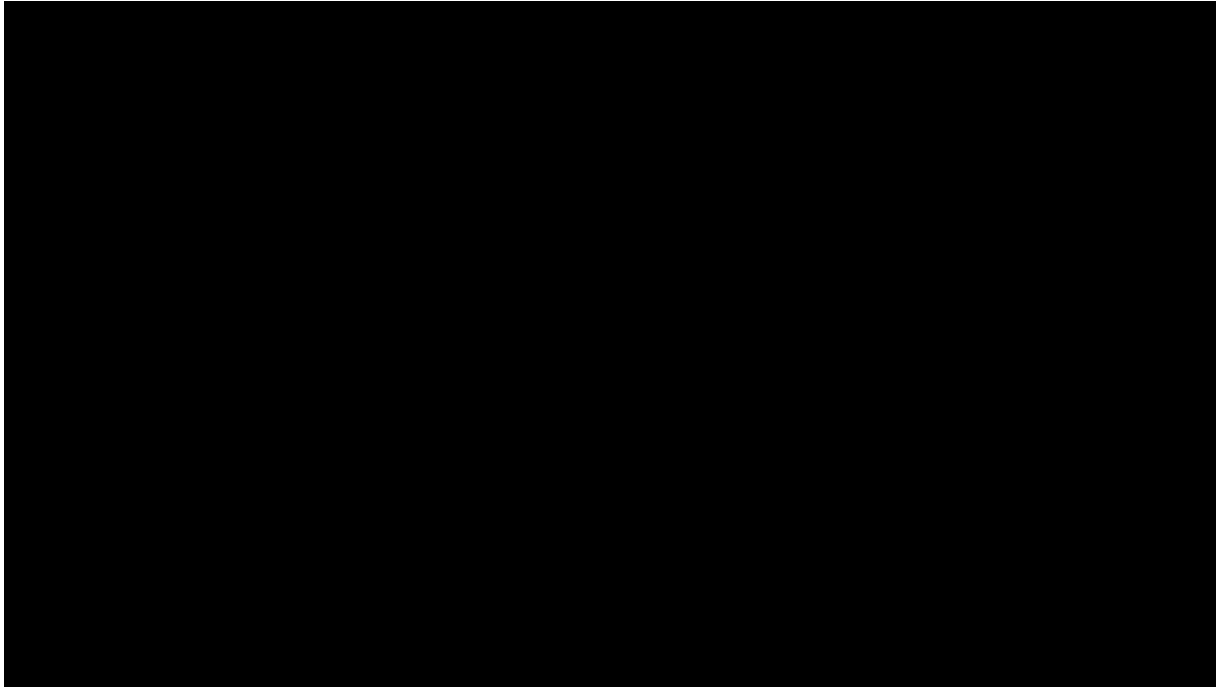
AI proficiency relative to human, by type of cognitive task



Source: Stanford AI Index, Evercore ISI Research

HBR

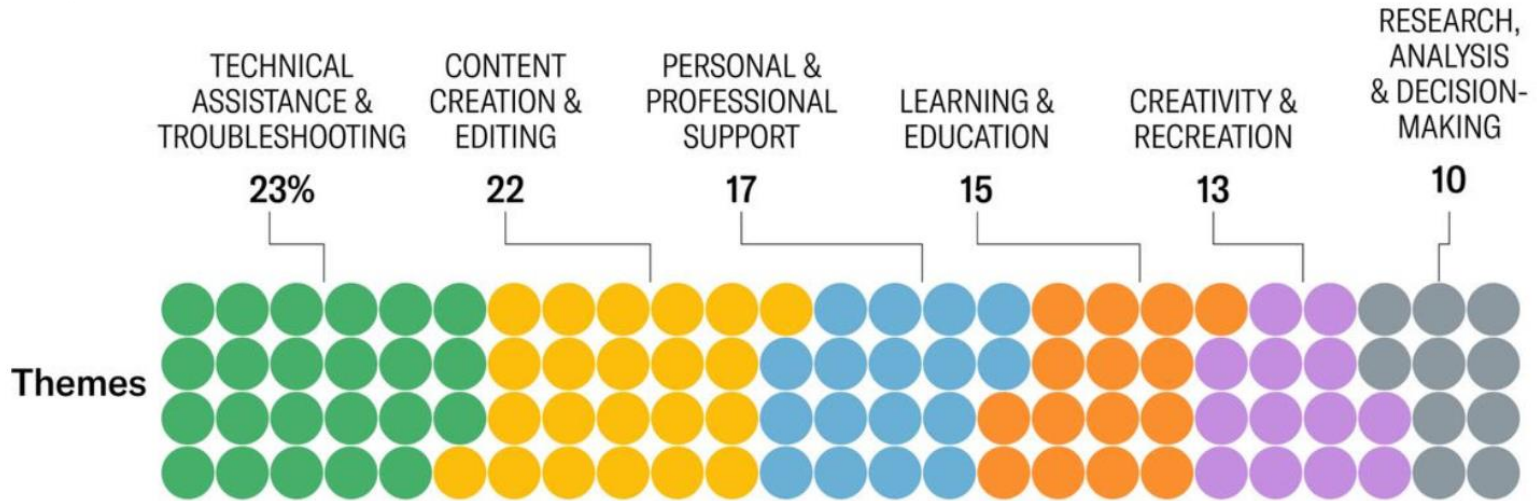
Announcements from Google



OpenAI ChatGPT Omni



How People Are Using AI





Questions

- Where will AI have the most impact on recruiting?
- How will it change what recruiters do?
- Will the EU AI Act slow down the use of AI in recruiting and HR?

The top three ways they're using AI in hiring are:

- 31% use it for candidate communications
- 27% use it for resume screening
- 27% use it for assessments

And the benefits HR leaders experience are vast:

- 53% have more time after automating manual tasks,
- 53% notice greater productivity, and
- 50% experience faster turnaround in filling roles

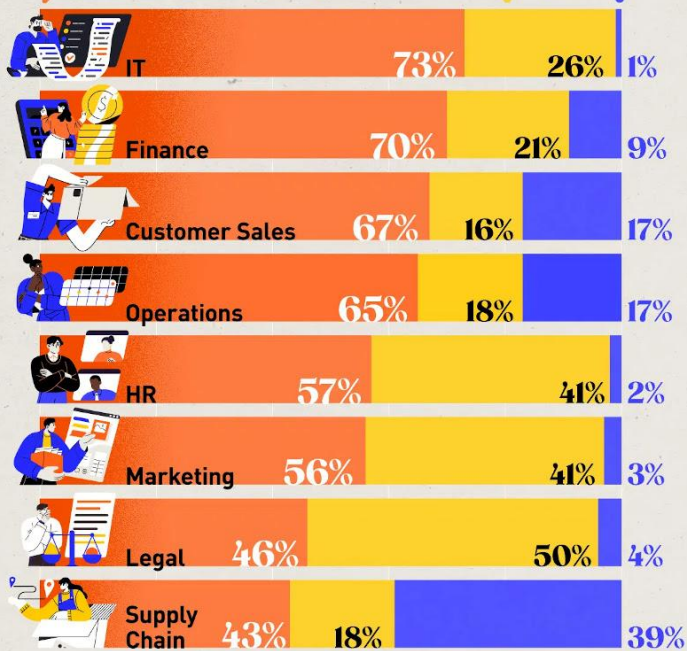
Source: HireVue 2024 GLOBAL GUIDE TO AI IN HIRING

WHICH JOB DEPARTMENTS WILL AI Impact THE MOST

Large impact: Tasks are automated or significantly altered

Small impact: Tasks are not fundamentally changed

No impact



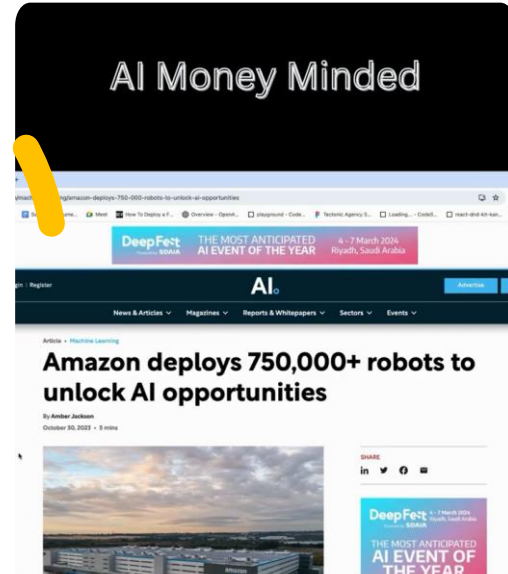
Based on analysis of over 19,000 tasks across 867 occupations. Data as of Sept 2023.



Source: Jobs of Tomorrow: Large Language Models and Jobs

Will AI and Robots Replace/Augment Us?

- Self-driving vehicles
- Blackbox factories
- Gen AI bots
- Surgical robots
- Automated drones
- Routine, rules-based work
- Repetitive work



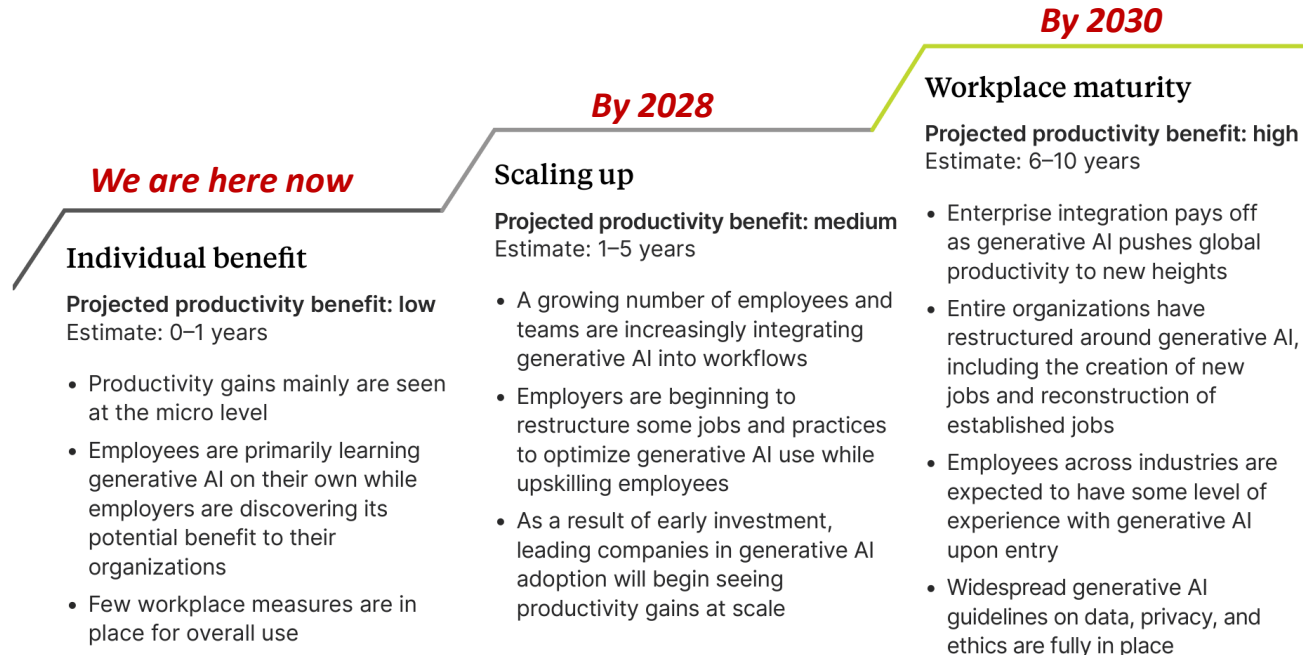
Growth Jobs

	2000	2023	Percent	Average
	Employment	Employment	Change	Annual Wage in 2023
Manicurists and Pedicurists	28,230	144,810	413%	\$ 36,480
Skincare Specialists	13,420	65,270	386%	\$ 51,100
Human Resources Specialists	188,060	895,970	376%	\$ 76,060
Subway, Streetcar Operators	3,190	14,860	366%	\$ 77,370
Makeup Artists	900	4,130	359%	\$ 68,590
Oil and Gas Service Unit Operators	11,020	46,150	319%	\$ 59,390
Epidemiologists	2,480	10,230	313%	\$ 90,430
Airfield Operations Specialists	4,580	18,320	300%	\$ 62,140
Medical Scientists	35,570	136,620	284%	\$ 112,380
Meeting, Convention, Event Planners	32,000	122,130	282%	\$ 62,280
Massage Therapists	24,620	92,650	276%	\$ 62,560
Personal Financial Advisors	77,420	272,190	252%	\$ 150,670
Coaches and Scouts	68,220	238,980	250%	\$ 58,700
Merchandise Displayers, Window Trimmers	51,240	175,790	243%	\$ 39,040
Producers and Directors	46,750	154,470	230%	\$ 107,170
Marriage and Family Therapists	19,420	63,340	226%	\$ 68,730
Animal Caretakers	86,840	268,830	210%	\$ 33,530
Interpreters and Translators	16,780	51,560	207%	\$ 63,080
Compliance Officers	126,840	383,620	202%	\$ 80,190
Animal Trainers	6,400	19,240	201%	\$ 44,910
Bioengineers, Biomedical Engineers	6,600	19,320	193%	\$ 106,700
Medical Equipment Repairers	22,020	64,400	192%	\$ 64,140
Commercial Pilots	18,040	52,750	192%	\$ 138,010
Occupational Therapy Assistants	15,910	46,090	190%	\$ 68,170
Postsecondary Health Specialties Teachers	78,680	225,360	186%	\$ 134,440

© BLS

All require face-to-face human/animal contact or communication

Phases of generative AI's impact on productivity at work



Source: Oliver Wyman Forum analysis



When/Where Does AI Replace Humans?

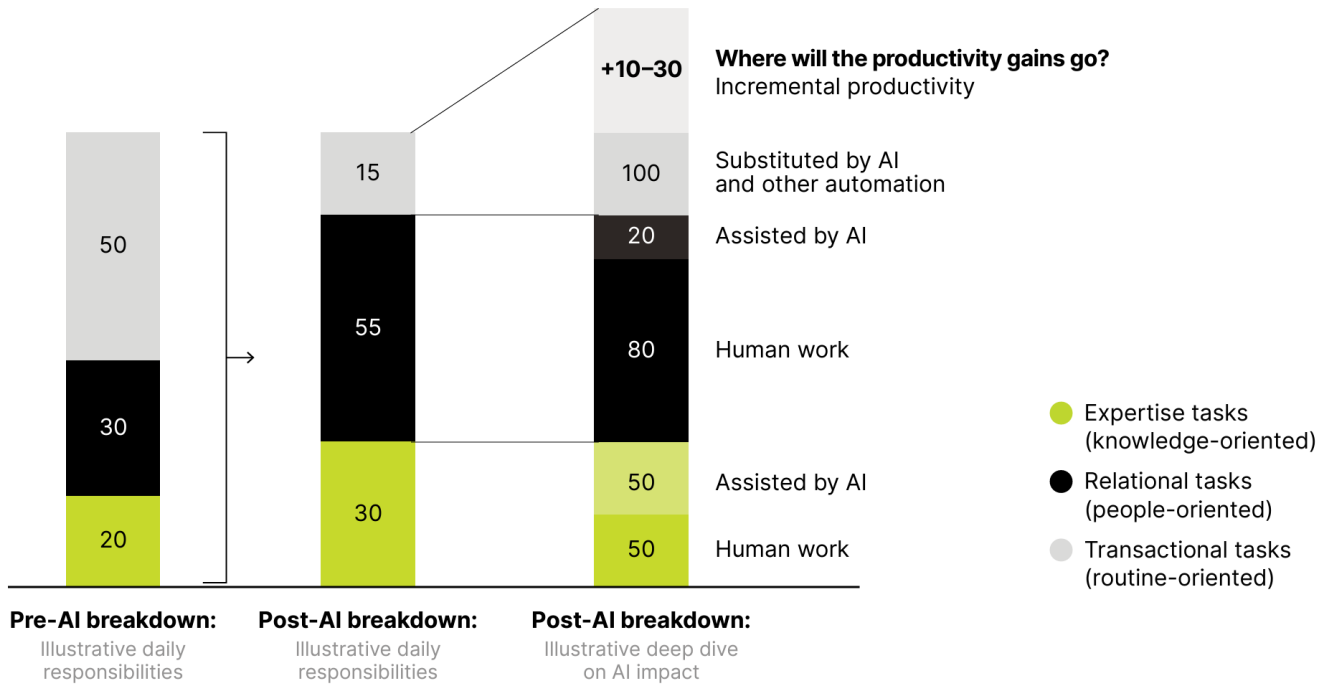
When large amount of a process includes repetitive, high-volume tasks

When human labor is expensive

When there is a high level of tool fragmentation

When the stakes are not life or death

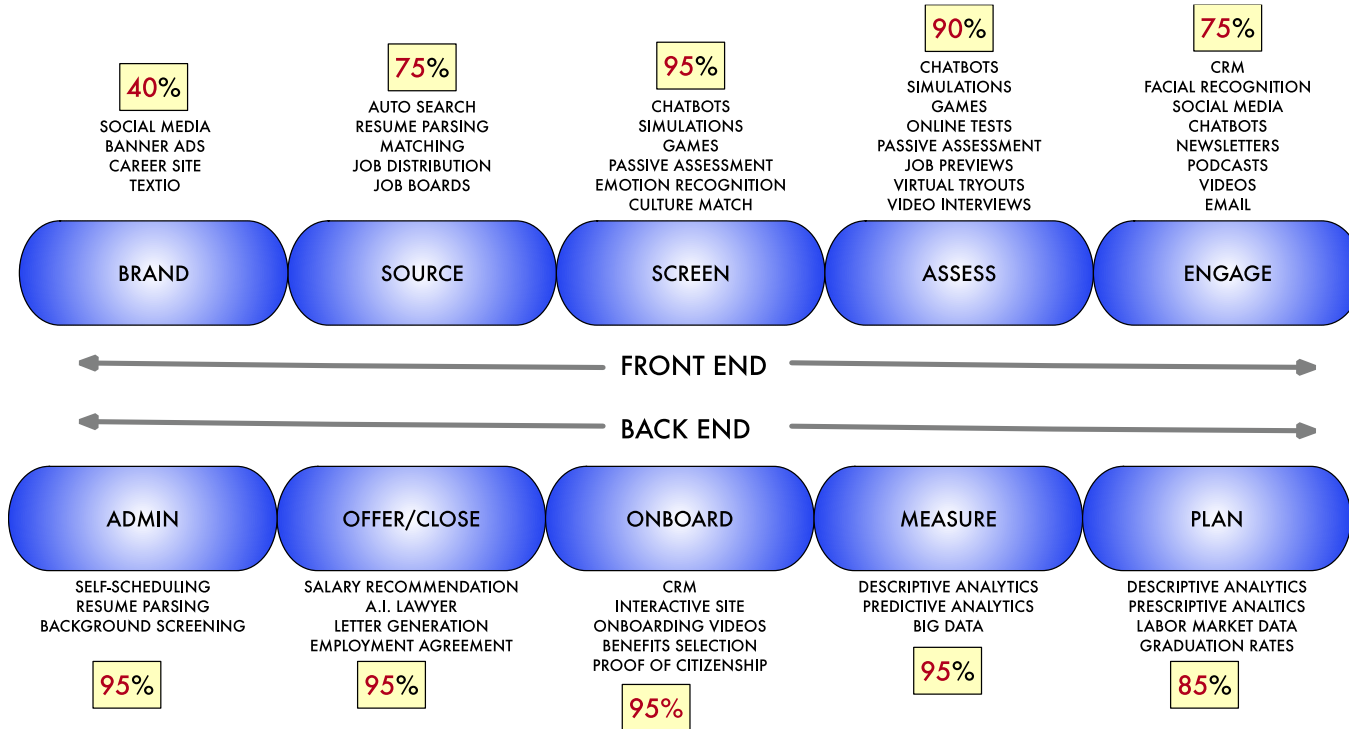
In fields with large amounts of training data



Source: OpenAI, OpenResearch, the University of Pennsylvania, Brookings Research, Goldman Sachs Research, Jesuthasan and Boudreau

Recruitment Automation

% that can be automated today





Your **Personal** Interview Prep & Copilot

Now with vision capability for coding challenges and whiteboard tasks.

 FIND US ON
Product Hunt

[Let's Start](#)

https://www.interviews.chat/?utm_source=bensbites&utm_medium=newsletter&utm_campaign=daily-digest-trouble-at-openai

Google's Interview Assistant

INTERVIEW PRACTICE

Google's

interview warmup

*a new way to practice for your
upcoming interview*

 LIFE WORK
balance

Employees are most focused on training in AI and big data, while employers place emphasis on analytical thinking

Ranking	Employee reskilling priorities	Employer reskilling priorities
1	AI and big data	Analytical thinking
2	Creative thinking	Creative thinking
3	Analytical thinking	Leadership and social influence
4	Leadership and social influence	AI and big data
5	Technological literacy	Curiosity and lifelong learning

Question: "Which of the following skills do you think would be important for you to receive training/reskilling efforts in over the next five years?"

Source: Oliver Wyman Forum Generative AI Survey, October–November 2023, 16 countries, N=15,227. Compared to organizations' training and upskilling priorities over the next five years (World Economic Forum).

Major Issues with Using AI



Privacy

Follow GDPR guidelines
Make sure data is
anonymous



Transparency

Develop AI models that
explain their decision-
making processes
Provide candidates with
clear explanations of how
AI is used in the selection
process.



Bias

Train AI on diverse data
sets
Conduct audits to identify
and correct algorithmic
biases
Have human recruiters
review AI decisions



The Term 'Recruiter' is Archaic

A new term might reflect the merging boundaries of human talent and advanced AI

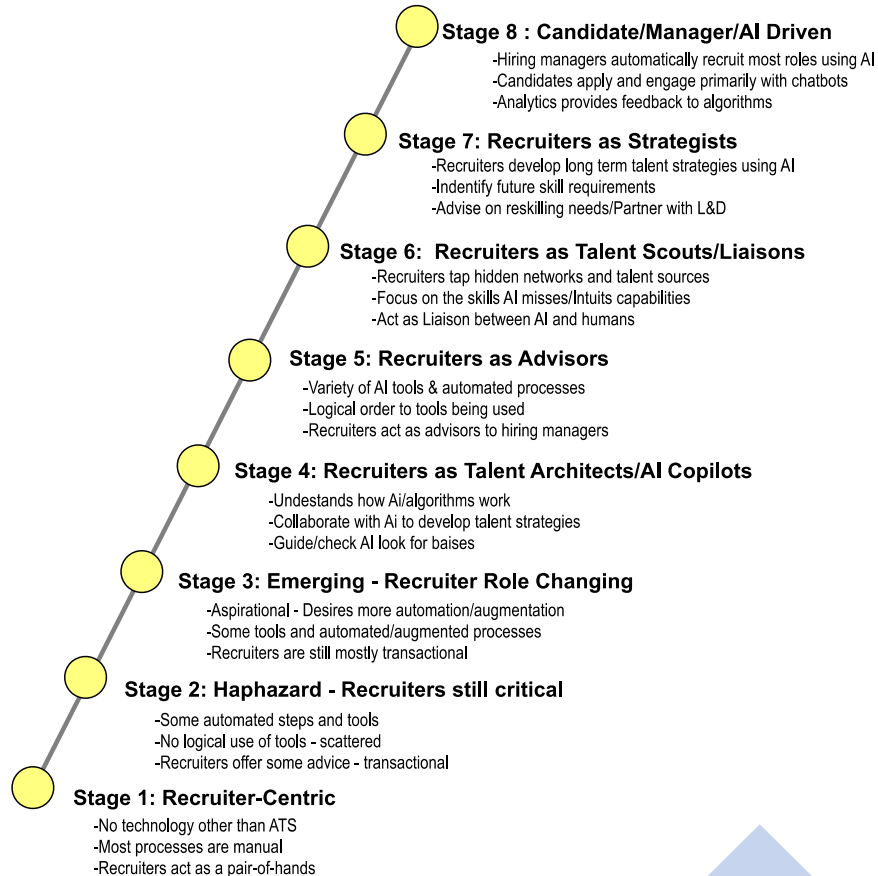
- **AI Talent Architect**
- **AI Copilot**
- **Talent Scout**
- **Cognitive Talent Engineer**
- **Neural Network Recruiter**
- **Human-AI Integration Specialist**



Possible New Roles for Recruiters

Eight Stages of Recruiter Evolution

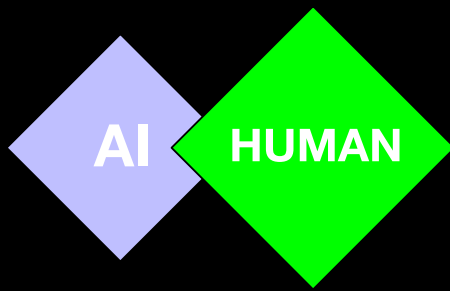
Eight Stages of Recruiter Evolution





Talent Architect

- Collaborates with AI tools to design talent strategies
- Understands the inner workings of the recruiting AI systems. Trains algorithms, identify potential biases, and optimize AI models.
- Leverages AI insights to ID trends in the job market and skill gaps
- Creates hiring frameworks that ensure the right mix of skills.



AI Copilot

- Works side by side with chatbots and other AI tools
- Guides candidate interactions with empathy and trust
- Makes final decisions, informed by AI recommendations
- Coaches candidates on navigating AI assessments and gives personalized support



Talent Advisor

- Utilizes AI-generated insights to develop long-term talent strategies
- Identifies future skill requirements and helps build diverse talent pipelines
- Advises leadership on workforce planning, reskilling, and talent mobility based on AI predictions
- Works with L&D to create training that builds key skills and engagement





Talent Scout

- While AI excels at pattern recognition, this recruiter goes beyond resumes and job boards.
- Leverages AI for initial lead generation, then dig deeper, spotting hidden talent, untapping diverse networks, and focusing on transferable skills that an algorithm might overlook.

Human-AI Liaison

- Ensures that the recruitment process maintains a human touch and personal connection
- Handles complex, sensitive, or high-stakes recruitment situations that require human judgment
- Coaches and mentors AI to improve its emotional intelligence and contextual understanding

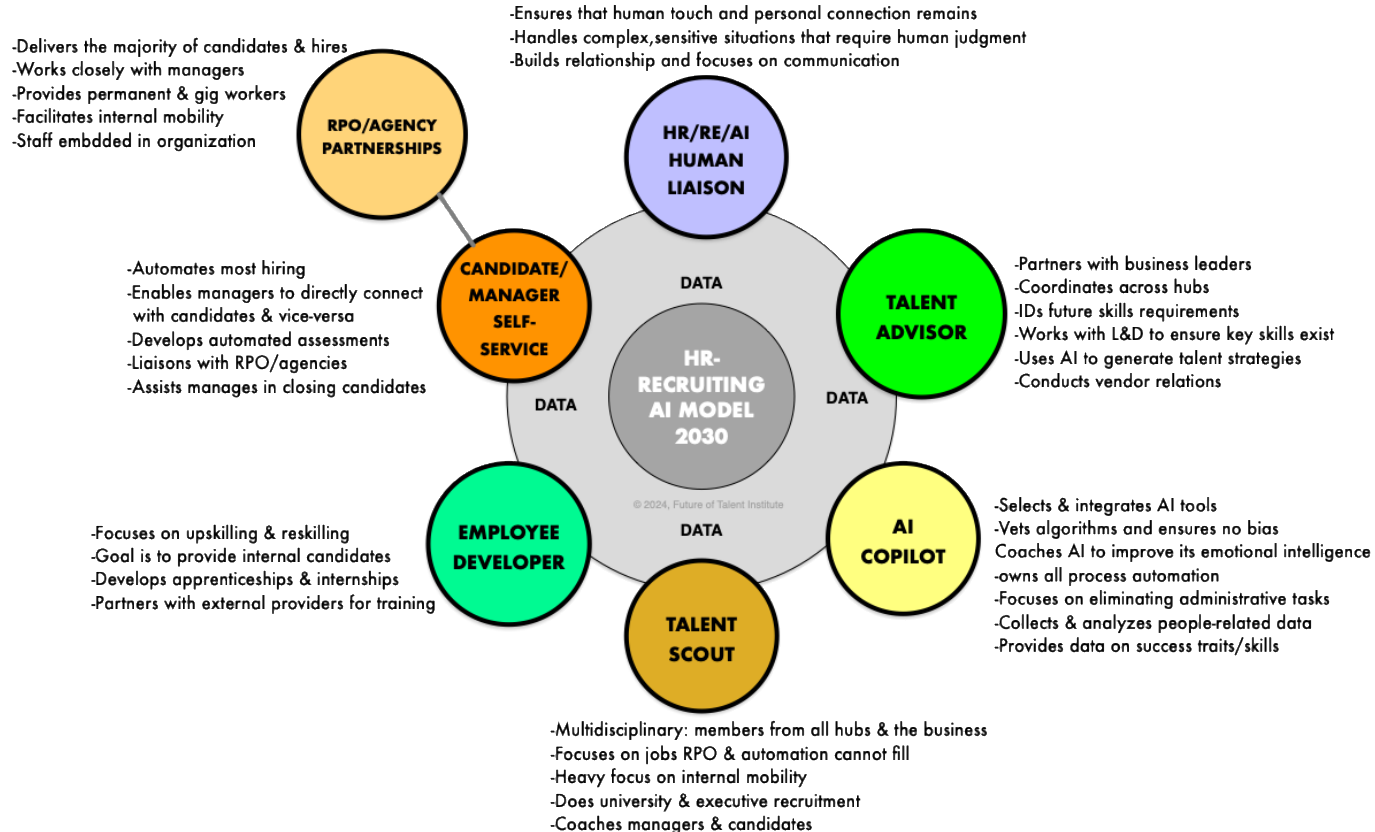





Candidate/Manager AI-Driven

- Most all hiring automated and assisted by AI
- Hiring managers automatically recruit most roles using AI
- Candidates apply and engage primarily with chatbots
- Analytics provides feedback to algorithms

HR/Recruitment Model 2030





Predictions for 2025/2026

Recruiter Productivity will Double



- AI augmentation will improve the speed to find, screen, and assess candidates.
- AI automation will reduce time spent in entering data, updating applicant & candidate data, and preparing reports



Circular Supply Chain Dominates Sourcing

- Demographics, talent shortages, and cost concerns will lead to more focus on retention, repurposing current talent, and re-recruiting former employees.
- Developing the workforce will become more important
- Challenge to balance development with engagement and retention

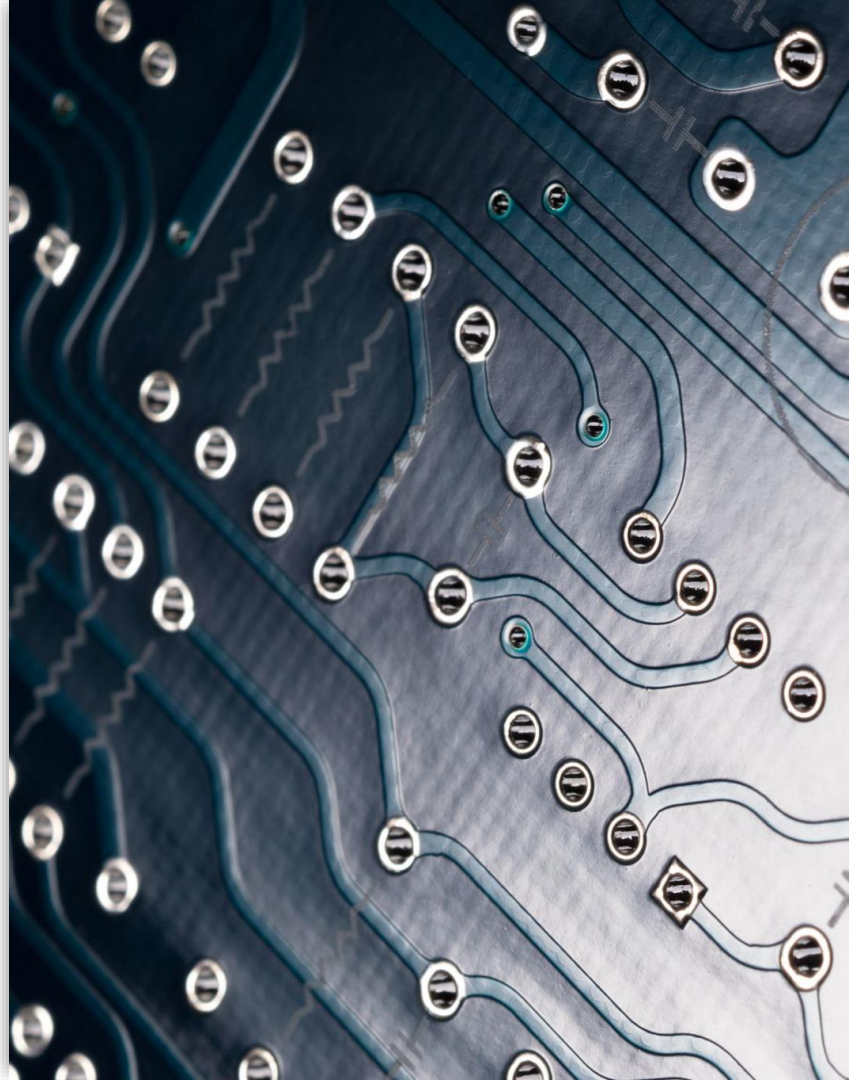
Growth of the Gig Economy and Contingent Workforce

- Demographics and worker attitudes will lead to more interest in the gig workforce.
- Firms will hire fewer permanent employees
- Immigration will be an accepted way to improve economic growth and support an aging population
- Gig work will embrace more older workers



RPO will Continue to Offer an Alternative to Internal Recruitment Functions

- RPOs have better technology, larger networks, better talent maps, and better data than internal functions.
- Small & medium sized firms will transition much of their recruitment to an RPO.
- Larger firms will use RPO for an expanded number of specific job types.



A Four-Day Workweek

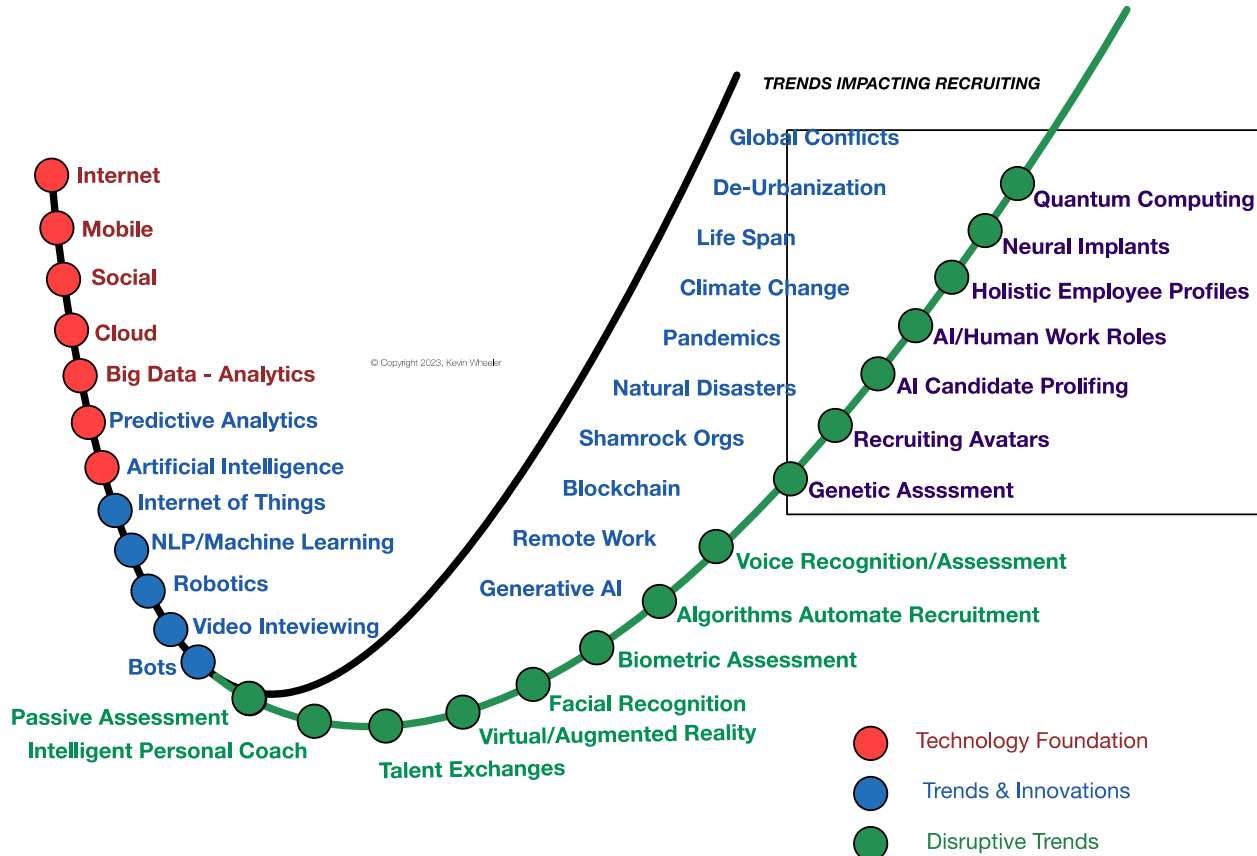
Wild Card Prediction

1. **Iceland:** Conducted large-scale trials of a four-day work week from 2015 to 2019, with positive results in terms of productivity and employee well-being. Many workplaces have since adopted shorter working hours.
2. **New Zealand:** Several companies, including Perpetual Guardian, have successfully trialed and implemented four-day work weeks.
3. **Spain:** The Spanish government is funding a pilot program for a four-day work week to explore its benefits on productivity and employee well-being.
4. **United Kingdom:** Some UK companies are participating in trials and adopting four-day work weeks, driven by positive outcomes from pilot programs.



Bleeding Edge Technologies

Talent/HR Technology Disruption Trends





Five Imperatives

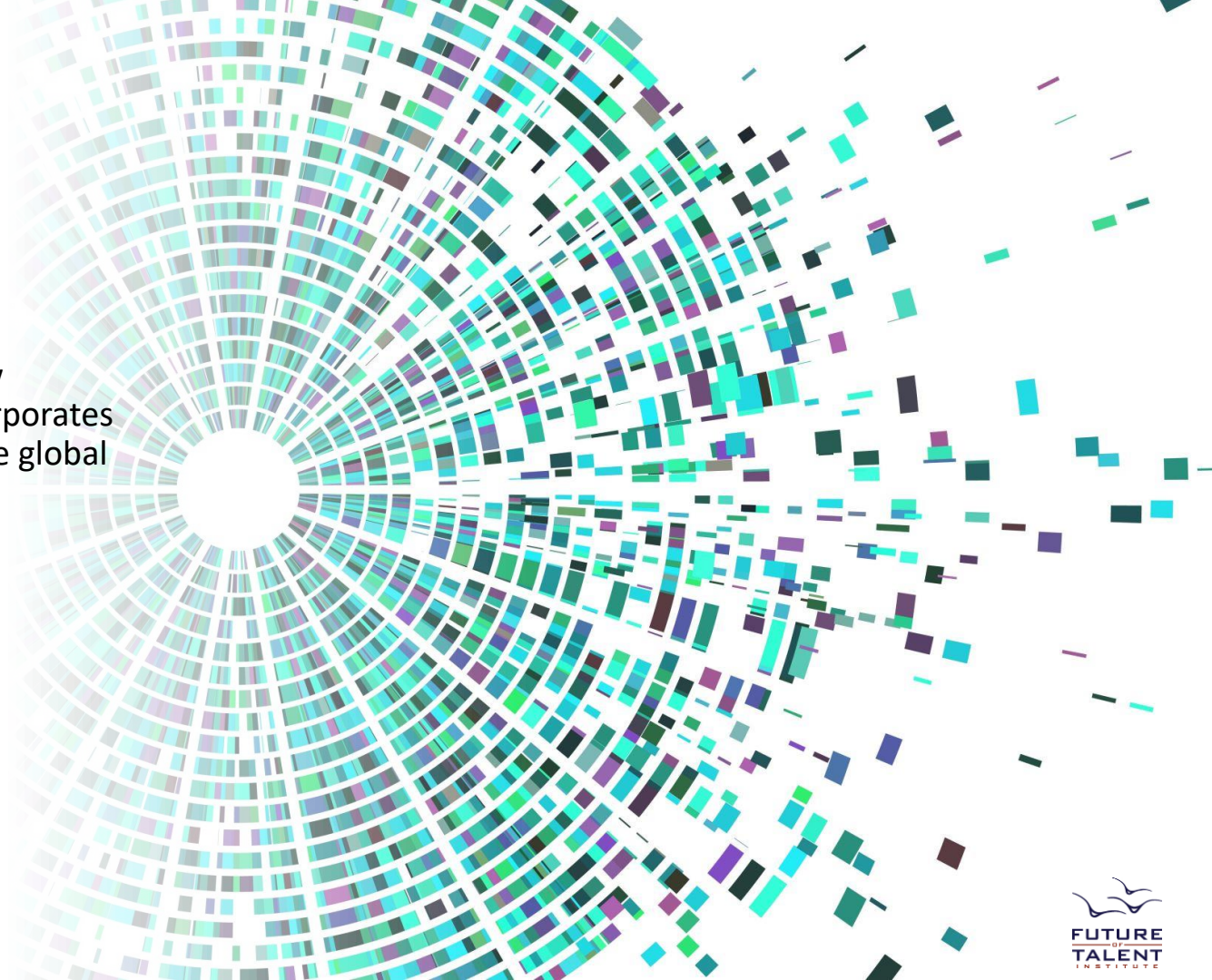


Mindset

Need to bring new ideas and practices to recruiting.

Vision

We need to envision a new recruiting model that incorporates AI, the gig workforce, & the global talent market





No time to waste – anticipating needs and moving quickly to meet them will be key.

Urgency

“If everything seems under control you are not going fast enough.”

-Mario Andretti

The background features a series of overlapping, wavy bands of color. On the left, there are shades of blue and teal that transition into a bright yellow on the right. The waves flow from the top right towards the bottom left, creating a sense of movement and depth.


Resilience

Meeting the
unexpected with
positivity



Experimentation

Need to experiment, explore new ways of recruiting & apply technology where possible



The Next Wave

- The next wave of AI automation will understand and adapt to the candidate, the same way a great recruiter does today.
- Software will have to have soul. That soul could exist in different ways, from a magical and intuitive user interface to a thoughtful personalized “personality.”
- We’re already starting to see AI develop these emotional intelligence skills, like Hume.AI, based on a “empathic large language model” that intakes subtleties of human communication, like tone, voice modulation, etc.



It Is Time To Challenge Your. . .

- Assumptions
 - What we think are truths
- Attitudes
 - The way we think and feel
- Customs
 - Accepted way of doing things
- Organization
 - How we structure our function

Kevin Wheeler and Bas van de Haterd

TALENT ACQUISITION EXCELLENCE

Using digital capabilities
and analytics to improve
recruitment



Foreword by Dave Ulrich



Available on Amazon and many other sites

THANKS



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