AI-Augmented HR
Methods in 2024 vs. Projected Methods by 2030

	2024	2030	
Process	**Achievable in 2024**	**Projected process in 2030**	**Impact in 2030**
AI-Powered Résumé Screening and Ranking	Automated systems use machine learning algorithms to filter and rank job applicants based on keywords, experience, and qualifications. Impact: May perpetuate existing biases present in training data, leading to unfair discrimination against certain groups.	Advanced AI systems make autonomous hiring decisions without human oversight.	Removes human judgment from critical decisions, increasing the risk of errors and unchecked systemic biases.
Automated Video Interview Analysis	AI analyzes facial expressions, voice tones, and body language during video interviews to assess candidate suitability. Impact: Risks misinterpreting cultural differences and non-verbal cues, potentially disadvantaging qualified candidates.	Emotion AI delves deeper, analyzing micro-expressions and physiological responses for psychological profiling.	Raises ethical concerns about privacy and potential discrimination based on emotional states.
Predictive Analytics for Employee Turnover	AI models predict which employees are likely to leave the company by analyzing performance metrics and engagement levels. Impact: May lead to unwarranted scrutiny or preemptive termination of employees labeled as 'flight risks.'	Advanced analytics predict unionization efforts and dissent within the workforce	Could lead to targeted actions against employees, suppressing their rights to organize and voice concerns.
Productivity Monitoring with AI Analytics	Employers use AI tools to monitor keystrokes, screen time, and workflow patterns to assess productivity. Impact: Creates a surveillance environment that can erode trust and increase employee stress.	Comprehensive AI surveillance integrates physical and digital activity monitoring via IoT devices.	Comprehensive AI surveillance integrates physical and digital activity monitoring via IoT devices. Creates an intrusive environment that may negatively affect morale and mental health.
Sentiment Analysis of Employee Communications	AI analyzes emails, chat messages, and other communications to gauge employee sentiment and detect dissatisfaction. Impact: Infringes on privacy and may suppress open communication among staff.	Deep profiling combines workplace data with personal information from social media and other sources.	Significantly erodes privacy and may lead to discrimination based on personal beliefs or activities outside of work.
Biometric Data Collection for Access Control	Use of fingerprint or facial recognition systems for workplace entry and attendance tracking. Impact: Raises concerns about data security and the potential misuse of sensitive personal information.	Wearables and implants monitor health metrics, stress levels, and other biometrics for performance management	Raises profound ethical and privacy issues, blurring the line between professional oversight and personal invasion.
Automated Performance Evaluation Systems	AI assesses employee performance based on quantitative metrics and predefined criteria. Impact: May overlook qualitative contributions and contextual factors, leading to unfair evaluations.	AI-enhanced decision-making uses emotionally adaptive interfaces to optimize performance.	Could manipulate work environments in ways that prioritize productivity over well-being.
Behavioral Manipulation Through AI Nudging	Not prevalent in 2024.	AI analyzes employee data to subtly influence behavior through personalized messages and interventions. Impact: Challenges employee autonomy and can manipulate actions without informed consent.	Challenges employee autonomy and can manipulate actions without informed consent.
Emotion AI for Managing Employee States	Not prevalent in 2024.	AI analyzes vocal tones, facial expressions, and physiological data to assess and predict emotional states.	May lead to discrimination or punitive actions based on perceived emotions rather than actual performance.
Comprehensive AI Surveillance of Physical and Digital Activities	Not prevalent in 2024.	Integration of AI with IoT devices enables continuous monitoring of employees' physical movements and digital interactions.	Creates an intrusive environment that can negatively affect morale and mental health.
Use of Genetic and Health Data in Employment Decisions	Not prevalent in 2024.	Advanced AI analyzes genetic information and long-term health data to assess suitability for certain roles.	Raises significant legal and ethical concerns regarding discrimination and consent.
AI Simulations Predicting Team Dynamics and Conflicts	Not prevalent in 2024.	AI models simulate team interactions to forecast conflicts and identify 'problematic' employees.	Employees may be unfairly labeled and face consequences based on predictions rather than actual behavior.
Deep Profiling Using Integrated Personal Data	Not prevalent in 2024.	AI combines workplace data with personal information to create comprehensive profiles.	Erodes privacy and may lead to discrimination based on personal beliefs or activities outside of work.
Wearables and Implants for Biometric Monitoring	Not prevalent in 2024.	Employers use wearables or implants to monitor health metrics and stress levels.	Blurs professional and personal boundaries, raising ethical and privacy concerns.
AI-Driven Hiring and Firing Without Human Oversight	Not prevalent in 2024.	Fully automated systems make final hiring and firing decisions using complex algorithms.	Removes human judgment, increasing the risk of errors and unchecked systemic biases.

 15/11/2024