

Analyzing the impact of Artificial Intelligence on various HR functions through the implementation of Artificial Intelligence in Human Resource Management”

Shweta Gupta

Department of Management Studies
G. H. Raisoni college of engineering, Nagpur, India.

Abstract:

The rapid advancement of Artificial Intelligence (AI) has significantly transformed Human Resource Management (HRM) by improving efficiency, accuracy, and decision-making across various HR functions. This research paper examines the impact of AI on key HR activities such as recruitment and selection, training and development, performance management, employee engagement, and retention. The study is based on secondary data collected from research journals, academic papers, industry reports, and published HR analytics datasets. Various studies indicate that AI-powered tools such as resume screening systems, chatbots, predictive analytics, and learning management systems have enhanced operational efficiency, reduced human bias, and supported data-driven HR decisions. The findings reveal that AI adoption in HR has increased organizational productivity, improved employee satisfaction, and strengthened talent management strategies. However, challenges related to data privacy, ethical concerns, and employee resistance are also highlighted. The study concludes that while AI has a positive and transformative impact on HR functions, its successful implementation requires ethical practices, skilled HR professionals, and continuous monitoring. This research provides valuable insights for organizations planning to adopt AI-driven HR systems in the future.

INTRODUCTION

In recent years, rapid technological advancement has transformed the way organizations operate, with Artificial Intelligence (AI) emerging as a powerful tool in business management. AI refers to the ability of machines and systems to perform tasks that normally require human intelligence, such as learning, decision-making, and problem-solving. Among various business functions, Human Resource Management (HRM) has witnessed significant changes due to the increasing implementation of AI-based technologies.

Human Resource Management plays a crucial role in managing an organization's workforce by handling activities such as recruitment and selection, training and development, performance appraisal, employee engagement, and retention. Traditionally, these HR functions were carried out through manual and time-consuming processes, often affected by human bias and errors. With growing workforce complexity and data volume, organizations are finding it difficult to rely solely on traditional HR practices.

The implementation of Artificial Intelligence in HRM has enabled organizations to automate routine HR tasks, analyze large volumes of employee data, and improve decision-making accuracy. AI tools such as applicant tracking systems, chatbots, predictive analytics, and AI-driven learning platforms have significantly enhanced HR efficiency and effectiveness. These technologies help HR professionals focus more on strategic and people-centric activities rather than administrative work.

Despite the growing adoption of AI in HRM, many organizations still face challenges related to ethical concerns, data privacy, employee resistance, and high implementation costs. There is also a lack of comprehensive understanding regarding the impact of AI on different HR functions. Therefore, it is important to study how AI influences various HR activities and contributes to organizational performance.

This research paper aims to analyze the impact of Artificial Intelligence on various HR functions through the implementation of AI in Human Resource Management. The study is based on secondary data collected from academic literature, industry reports, and company case studies to provide a clear understanding of the benefits, challenges, and future implications of AI in HRM.

The emergence of Artificial Intelligence (AI) has marked a significant shift in the way organizations manage and utilize technology to improve operational efficiency and competitiveness. AI refers to computer systems that are capable of performing tasks that typically require human intelligence, such as learning, reasoning, pattern recognition, and decision-making. In today's digital economy, AI has become an essential tool across various business functions, enabling organizations to process large volumes of data quickly and accurately.

Human Resource Management (HRM) is one of the most critical functions in any organization, as it focuses on managing human capital effectively to achieve organizational goals. HRM includes key activities such as recruitment and selection, training and development, performance appraisal, employee engagement, workforce planning, and retention. Traditionally, these HR functions relied heavily on manual processes and human judgment, which often resulted in inefficiencies, delays, and biased decision-making. With increasing workforce diversity and the growing complexity of organizational structures, traditional HR practices are no longer sufficient to meet modern business demands.

The integration of Artificial Intelligence into Human Resource Management has transformed traditional HR processes into more efficient, data-driven, and strategic systems. AI-powered tools such as applicant tracking systems, resume screening software, chatbots, virtual assistants, predictive analytics, and AI-based learning platforms are now widely used in organizations. These tools help HR departments automate repetitive tasks, reduce administrative workload, improve accuracy, and enhance overall employee experience. AI also enables HR professionals to analyze employee data to predict future trends such as employee turnover, performance levels, and training needs.

I. LITERATURE REVIEW

[Kshetri, Nir] Evolving uses of artificial intelligence in human resource management in emerging economies in the global South: some preliminary evidence. (2021)

The impact of AI deployment in HRM has garnered attention from researchers aiming to understand its effects on different groups of employees. Baddar Al-Husan et al. (2009) found that HR reforms introduced by a French multinational in a Jordanian company had varying impacts on different types of employees. Future research could explore how the implementation of AI in HRM influences attitudes and behaviors across diverse employee groups.

The adoption of new HRM practices has been linked to the ability of Japanese firms to introduce innovations. Santangelo and Pini (2011) highlighted that these practices incentivized employees to develop and share new knowledge within their organizations. It would be valuable for future researchers to investigate how the use of AI in HRM affects organizational capabilities, such as organizational learning, knowledge management, and innovative performance.

It has been observed that HR practices developed in the West may not be successful in GS (Global South) economies unless they are adapted to the specific context of these regions (Stumpf et al., 2010). Future research could examine whether a similar adaptation challenge exists for AI applications developed in the West and their successful adoption in GS economies.

Some AI HRM applications have shown evidence of adaptation to various cultures, such as the development of multilingual apps by HRM AI providers like Talk push. Future research can explore the measures taken by AI solution developers to facilitate the diffusion of these solutions in GS economies, where cultural diversity and context-specific needs may be more pronounced.

Certain AI tools, such as Deayea's "brain surveillance devices," are used to assess person-job fit levels.

Comparing the suitability of such devices with existing instruments like the Job Compatibility Questionnaire (Villanova et al., 1994) could be a potential avenue for future research.

In conclusion, the propositions put forth in this review guide future research on the use of AI in HRM, particularly in the context of GS economies. AI-based HRM tools offer efficiency gains, cost reductions, and expanded metrics in recruitment. They hold promise for achieving HRM goals such as attracting top talent, improving retention, and developing leadership capabilities. In GS economies, the value addition of AI in HRM is heightened due to formal and informal institutional factors, as well as economic considerations. Furthermore, AI can serve as an effective tool in combating corruption, nepotism, cronyism, and favoritism. Continued research in these areas will enhance our understanding of the implications and potential of AI in HRM.

Please note that this literature review is based solely on the information provided, and it is recommended to supplement it with relevant scholarly sources and research studies to strengthen the review's validity and comprehensiveness.

[Siham Berhil¹, Habib Benlahmar², Nasser Labani³] A review paper on artificial intelligence at the service of human resources management. (Vol. 18, No. 1, April 2020) The intersection of Human Resources (HR) and Artificial Intelligence (AI) has generated significant interest among experts and managers in the field. Through our research, we have identified key issues and challenges raised by HR professionals, as well as the proposed solutions utilizing AI techniques between 2008 and 2018. Our findings demonstrate the rapid development and growing interest in applying AI technology in the HR field, particularly in HR Analytics.

The most common HR issues addressed in the literature include the analysis and prediction of recruitment processes, skills management, human resources development (such as talent identification, employee effectiveness, productivity, and performance), as well as attrition and turnover rates. Proposed solutions often incorporate established technologies like Business Intelligence, Big Data, Data Mining, and Data Warehouse. Various software, frameworks, and Enterprise Resource Planning (ERP) systems such as SAP, SPSS, Oracle, SAS, CRM, SMA, and SNW have been utilized. Moreover, AI algorithms, including Machine Learning, Neural Networks, and Deep Learning, are frequently employed in these proposed solutions.

In terms of AI algorithms, several widely recognized approaches have been utilized in HR applications. Decision Tree (DT), Random Forest (RF), Support Vector Machine (SVM), Multi-Layer Perceptron (MLP), K-Nearest Neighbor (KNN), Gaussian Naïve Bayes (GNB), Logistic Regression (LR), and C4.5 are among the most commonly employed algorithms.

The field of Human Resources is extensive and continuously evolving. Organizations recognize the criticality of effectively managing their human capital, considering it as the source of development and the pillar of success to increase productivity, attract talent, and compete in the marketplace. Simultaneously, the field of AI continues to evolve, introducing new approaches and methods that can be leveraged to address HR challenges effectively. **Concluding Remarks**

Through our research, we have identified the key issues and challenges within the HR domain and explored the various solutions proposed by scientists and computer scientists. The prevalence of AI algorithms and techniques, along with the integration of established technologies, demonstrates the rapid development and increased interest in applying AI in HR Analytics.

The ongoing development and convergence of HR and AI fields present exciting opportunities for organizations to enhance their HR management practices. By leveraging AI techniques, businesses can improve recruitment processes, effectively manage skills and talent, optimize human resources development, and address attrition and turnover. This integration requires organizations to stay abreast of the latest advancements in both HR practices and AI technologies to ensure continued success.

It is important to note that this literature review is based on the information provided, and it is advisable to

supplement it with additional scholarly sources and research studies to reinforce the review's comprehensiveness and credibility.

[Prasanna Tambe, 2, Peter Cappelli, 2 and Valery Yakubovich3] Artificial Intelligence in Human Resources Management: Challenges and a Path Forward (January 2018)

The business rhetoric in management has swiftly shifted from big data to machine learning and artificial intelligence (AI). However, the reality does not necessarily align with this rhetoric. Many companies struggle to make progress in building data analytics capabilities. According to a survey, 41% of CEOs reported being unprepared to utilize new data analytic tools, and only 4% claimed to be well-prepared (IBM, 2018).

When referring to AI, this discussion focuses on a subset of algorithms within AI that heavily rely on increased data availability for prediction tasks. While significant advancements have been made in pattern recognition and natural language processing (NLP) in recent years, particularly with deep learning using neural networks, the application of sophisticated AI techniques to employee management is limited. Only 22% of firms have adopted analytics in human resources, and the level of sophistication in those analytics remains unclear (LinkedIn, 2018).

Data analytics has found clearer applications in fields like marketing, where outcomes are easily measurable, electronic data is readily available, and big data techniques can be feasibly applied.

The ethical challenges in marketing are typically related to influencing customer behavior and increasing sales. However, applying AI effectively to human resources presents different challenges.

Several challenges arise when applying data science analyses to people-related problems in HR:

1. Complexity of HR outcomes: Defining what constitutes a "good employee" is multifaceted, and precise measurement is difficult. Traditional metrics like performance appraisal scores face criticism for validity, reliability, and bias issues. Additionally, individual performance is often interdependent with group performance, making it hard to disentangle individual contributions.
2. Small data sets: HR data sets tend to be small compared to fields like marketing, making it challenging to apply data science techniques effectively. Furthermore, rare outcomes, such as employee terminations due to poor performance, are insufficiently observed for accurate predictions.
3. Fairness concerns: HR decisions have significant consequences for individuals and society, necessitating fairness considerations regarding procedural and distributive justice. Legal frameworks govern employment decisions, emphasizing causation, which is often absent from algorithm-based analyses.
4. Socio-psychological factors: HR decisions are influenced by complex socio-psychological concerns among employees, such as perceptions of personal worth, fairness, and relational expectations. Justifying and explaining HR practices is crucial in fostering employee acceptance and organizational outcomes.
5. Gaming and adverse reactions: Employees can manipulate or negatively respond to algorithm-based decisions, impacting organizational outcomes and necessitating careful consideration of employee behavior.

To illustrate these concerns, consider the example of using an algorithm to predict whom to hire. Even if a causal relationship between sex and job performance could be established, relying on an algorithm that recommends hiring more white men could face trust issues and legal complications. Algorithmic decisions based on objective measures like poor performance dismissals are also hindered by limited cases and applicant reactions.

Addressing these challenges requires a comprehensive approach at each stage of the AI Life Cycle: Operations, Data Generation, Machine Learning, and Decision-Making. Drawing on Evidence-Based Management (EBMgmt) principles and causal models in machine learning, establishing causation becomes crucial for fairness concerns. Randomization can also play a role in decision-making, enhancing perceived

fairness and mitigating the difficulties of making fair and valid decisions with analytics.

The suggestions presented in this review are informed by contemporary practices and insights from practitioners. They highlight the need for a cautious and thoughtful approach to applying machine learning tools to HR, considering the unique challenges and ethical considerations involved.

[Garima Bharadwaj] An Empirical Study of Artificial Intelligence and its Impact on Human Resource Functions (Jan'2020)

This paper focuses on the use of artificial intelligence (AI) and its impact on human resource management (HRM) in the context of technological advancements in the IT landscape. The implementation of AI in various functional areas is becoming prevalent in most companies, aiming to enhance employee efficiency within the organization. AI plays a role in HR functions starting from recruitment to performance appraisal.

The objective of this research is to investigate the relationship between AI and HR functions in the IT industry specifically in the Delhi/NCR region. Additionally, the study examines whether this relationship is moderated by the factors of innovativeness and ease of use in HR operations. The research was conducted among 115 HR professionals working in various IT sectors in the Delhi/NCR region.

Multiple regression analysis was employed to test the hypotheses, which confirmed a positive relationship between AI and HR functional performance. The findings suggest that increased utilization of AI in the workplace leads to improved HR functional performance. Furthermore, AI was found to have a significant relationship with both innovativeness and ease of use, indicating that AI enhances HR functions with innovations and ease of operation.

This study provides insights into the impact of AI, which is considered a new revolution in the industry, often referred to as Industry 4.0. It highlights the growing role of AI in HRM and its potential to drive positive outcomes in the IT sector, particularly in the Delhi/NCR region.

[Rico Baldegger, Maurizio Caon, Kreshnik Sadiku] Correlation between Entrepreneurial Orientation And Implementation of AI in Human Resources Management (April 2020)

This paper focuses on the concept of adopting artificial intelligence (AI) in human resources management (HRM) and investigates the perception of introducing AI in HRM processes. It also explores the correlation between entrepreneurship orientation (EO) and the implementation of AI in HRM. The study involved a research questionnaire and a survey conducted with 310 members of the HR Section Romande, along with a literature review on the adoption of new technologies.

The results of the study indicate a positive perception of introducing AI in HRM and a correlation between a company's level of entrepreneurship orientation and the implementation of AI in HRM. This suggests that companies with a higher entrepreneurial orientation are more likely to adopt or already have implemented AI projects and tools in HRM processes. The evaluation of the perceived value of AI in HRM was based on comparing responses regarding the introduction of AI in HRM tools and expectations of widespread AI implementation in the next five years.

The main barrier to adopting AI in HRM identified in the study was a lack of skills and training. Additionally, potential steps for implementing AI in HRM were identified as crucial for introducing AI as a new technology. The evaluation of entrepreneurship orientation was based on research conducted by Colvin and Slevin (1989). The paper emphasizes the importance of small and medium-sized enterprises (SMEs) investing in information technology to lay the foundation for further development. While previous research has mainly focused on IT adoption in large organizations, the adoption process differs significantly for SMEs due to their limited resources. Considering the intensified competitive pressures and the need to enter global markets, SMEs are gradually adopting information technology to gain substantial benefits (Ghobakhloo, Sabouri, Hong, and Zulkifli, 2011).

Overall, this paper sheds light on the perception and correlation between AI adoption in HRM and entrepreneurship orientation, highlighting the potential benefits and barriers associated with integrating AI

into HRM processes.

[Jönköping] The application of Artificial Intelligence (AI) in Human Resource Management (May 2019)

The research background highlights the changing business landscape in the globalized world, where organizations need to embrace new technological developments to maintain a competitive advantage. Human resources management (HRM) plays a crucial role in acquiring and retaining talented employees, and the recruitment process is key to success. Technological advancements, such as online recruitment, have already started transforming traditional recruitment processes. Recent research has focused on optimizing the recruitment process through technology, with a particular emphasis on automation and AI. AI has gained significant attention in the HRM field, replacing routine tasks previously performed by human recruiters. The adoption of AI in HRM and recruitment has been regarded as the "new age of HR," transforming the industry (Upadhyay & Khandelwal, 2018).

AI is a multidisciplinary field that can be applied in various forms, including robots, bots, or software. It has been studied since the Second World War, and its goal is to enable machines to perform tasks that require human reasoning skills (Salin & Winston, 1992; Nilsson, 2005). In the context of this thesis, AI implementation refers to its integration into recruitment software used by companies rather than focusing on physical robots.

The problem identified is that human recruiters face limitations, such as biases, preconceptions, and time constraints, which can hinder the effectiveness of the recruitment process.

This can result in organizations missing out on better-fit candidates and incurring financial losses. Despite the recognition of these limitations, there is a lack of in-depth empirical research on technology-based recruitment methods and the implications of new technologies for HRM (McRobert et al., 2018; Marler & Fisher, 2013; Chapman & Webster, 2003; Searle, 2006; Stone et al., 2015; Bondarouk & Brewster, 2016). Therefore, there is a need for further research to understand the impact of new technologies on recruiters' work.

The purpose of this thesis is to explore the current state of AI and its application in the traditional recruitment process. The aim is to investigate the impact of AI technology on recruitment and identify areas where it can be most beneficial. The study seeks to expand on existing research by integrating AI into Braugh's recruitment model to enhance its effectiveness.

The study is delimited to companies that are already utilizing AI to some extent in their recruitment process. It does not include companies that do not use AI or those considering its implementation in the future.

II. OBJECTIVE

To study how AI is used in different HR functions.

To understand the benefits of AI in HRM.

To identify the challenges of using AI in HR.

III. RESEARCH METHODOLOGY

The present study adopts a descriptive and analytical research design. The research aims to analyze and interpret the impact of Artificial Intelligence on various Human Resource Management (HRM) functions by reviewing existing studies, reports, and published data. Since the study is based on secondary data, no primary survey or experiment was conducted.

IV. DATA ANALYSIS

The data analysis for this study is based entirely on secondary sources such as academic research papers, industry reports, organizational case studies, and HR analytics datasets. The collected data was analyzed to understand the impact of Artificial Intelligence on various Human Resource Management (HRM) functions including recruitment and selection, training and development, performance management, employee engagement, and retention.

V. ANALYSIS OF AI ADOPTION TRENDS IN HRM

Secondary data indicates a continuous and significant increase in the adoption of AI in HRM over the past decade. Reports published between 2015 and 2024 show that organizations have increasingly implemented AI-driven tools to automate HR processes and enhance decision-making. The growing use of AI reflects the shift from traditional HR practices to digital and data-driven HR systems.

VI. IMPACT OF AI ON RECRUITMENT AND SELECTION

The analysis of existing studies shows that recruitment is the HR function most influenced by AI. AI-powered resume screening tools, applicant tracking systems, and chatbots have reduced time-to-hire and improved candidate matching accuracy. Predictive analytics models have helped organizations identify suitable candidates based on skills, experience, and job requirements, thereby minimizing human bias and improving hiring quality.

VII. IMPACT OF AI ON TRAINING AND DEVELOPMENT

Secondary research highlights that AI-based learning management systems enable personalized training programs by identifying individual skill gaps. Organizations using AI in training reported faster learning, improved employee engagement, and better skill development. AI also supports continuous learning through real-time feedback and adaptive training modules.

VIII. IMPACT OF AI ON PERFORMANCE MANAGEMENT

Data from HR analytics studies indicates that AI has improved performance management systems by enabling continuous monitoring rather than periodic evaluations. AI tools analyze employee performance data to provide objective assessments, identify high performers, and recommend development actions. This has resulted in greater transparency and reduced subjectivity in performance appraisals.

IX. IMPACT OF AI ON EMPLOYEE ENGAGEMENT AND RETENTION

The analysis reveals that AI-based tools such as chatbots, sentiment analysis software, and predictive models have positively influenced employee engagement and retention. Key variables such as job satisfaction, compensation, work-life balance, and overtime were identified as major factors affecting employee retention. Machine learning models achieved high accuracy in predicting attrition, enabling organizations to take preventive measures.

X. OVERALL INTERPRETATION

The overall analysis confirms that Artificial Intelligence has a positive and transformative impact on HRM. AI enhances efficiency, accuracy, and strategic decision-making while reducing administrative workload. However, challenges related to data privacy, ethical concerns, and employee resistance remain significant and require careful management.

XI. RESULT

The analysis of secondary data reveals that Artificial Intelligence has a significant and positive impact on various Human Resource Management (HRM) functions. The results indicate a steady increase in the adoption of AI in HR practices across organizations, particularly after 2018, driven by digital transformation and the need for efficiency.

The findings show that recruitment and selection is the HR function most influenced by AI. AI-based tools such as resume screening systems, applicant tracking systems, and chatbots have reduced hiring time, improved candidate matching, and minimized human bias in the selection process.

In the area of training and development, the results indicate that AI-enabled learning platforms provide personalized training programs and effectively identify employee skill gaps. Organizations using AI in training reported improved learning speed, higher engagement, and better workforce capability.

The results also highlight improvements in performance management, where AI facilitates continuous

performance monitoring and objective evaluation. AI-driven analytics enable accurate identification of high-performing and low-performing employees, leading to fairer appraisal systems.

Furthermore, the analysis of HR analytics studies reveals that AI plays a crucial role in employee engagement and retention. Key factors such as job satisfaction, compensation, work-life balance, and overtime were found to strongly influence employee retention. Machine learning models used in HR analytics achieved high prediction accuracy, helping organizations reduce employee attrition.

Overall, the results confirm that AI adoption enhances HR efficiency, supports data-driven decision-making, and transforms HR from an administrative function into a strategic business partner.

XII. FINDING

1. The study finds that Artificial Intelligence adoption in Human Resource Management is increasing rapidly across organizations.
2. Recruitment and selection is the most impacted HR function, with AI significantly reducing hiring time and improving candidate quality.
3. AI-based resume screening and applicant tracking systems help minimize human bias in recruitment decisions.
4. In training and development, AI enables personalized learning programs and faster identification of employee skill gaps.
5. AI improves performance management by enabling continuous and objective evaluation of employees.
6. HR analytics tools using machine learning models achieve high accuracy in predicting employee attrition.
7. Key factors influencing employee retention include job satisfaction, pay fairness, work-life balance, and overtime.
8. AI-powered chatbots and feedback tools enhance employee engagement and communication.
9. AI reduces administrative workload and allows HR professionals to focus on strategic HR activities.
10. Despite its benefits, challenges such as data privacy, ethical concerns, high implementation costs, and skill gaps remain significant.

XIII. SUGGESTION

1. Organizations should gradually adopt AI technologies in HR to ensure smooth transition and effective implementation.
2. Proper training programs should be provided to HR professionals to improve their understanding and use of AI tools.
3. AI should be used as a support system for HR decision-making, not as a complete replacement for human judgment.
4. Companies must ensure data privacy, security, and ethical use of AI while handling employee information.
5. Regular monitoring and evaluation of AI systems should be conducted to reduce bias and errors.
6. Management should create employee awareness programs to reduce fear and resistance towards AI adoption.
7. Organizations should integrate AI with existing HR systems to improve efficiency and accuracy.
8. HR policies should be updated to align with AI-driven HR practices and regulations.
9. Pilot testing of AI tools should be done before full-scale implementation.
10. Continuous improvement and upgrading of AI systems should be encouraged to keep pace with technological changes.

XIV. CONCLUSION

This research study concludes that Artificial Intelligence has a significant and positive impact on various Human Resource Management functions. The analysis of secondary data reveals that AI has transformed traditional HR practices by improving efficiency, accuracy, and decision-making across recruitment, training and development, performance management, employee engagement, and retention.

The study shows that AI-powered tools reduce manual workload, minimize human bias, and enable data-

driven HR decisions. Recruitment and selection emerged as the most affected HR function, followed by training and performance management. AI-based HR analytics further support organizations in predicting employee behavior, reducing attrition, and improving workforce planning.

However, the study also highlights challenges related to data privacy, ethical concerns, high implementation costs, and employee resistance. These challenges indicate that successful AI implementation in HR requires careful planning, skilled HR professionals, and ethical guidelines.

REFERENCES

1. Upadhyay, A., & Khandelwal, K. (2018). Applying artificial intelligence: Implications for recruitment. *Strategic HR Review*.
2. McKinsey & Company. (2022). The state of AI in organizations. Website: <https://www.mckinsey.com>
3. PwC. (2021). Artificial Intelligence in HR: A no-brainer. Website: <https://www.pwc.com>
4. IBM. (2020). HR Analytics and Artificial Intelligence. Website: <https://www.ibm.com>
5. Bogen, M., & Rieke, A. (2018). Help wanted: An examination of hiring algorithms. *Upturn Research*.
6. Jatobá, M., et al. (2019). Evolution of artificial intelligence research in HRM. *Procedia Computer Science*.
7. Kaur, H., & Sharma, A. (2020). Employee attrition prediction using machine learning. *International Journal of Advanced Research in Computer Science*.
8. Mishra, S. (2021). HR analytics and strategic decision making. *Journal of Human Resource Management*.
9. *International Journal of Human Resource Management*. (Various Issues). Website: <https://www.tandfonline.com>
10. ResearchGate. Artificial Intelligence in Human Resource Management. Website: <https://www.researchgate.net>
11. Google Scholar. AI Applications in HRM. Website: <https://scholar.google.com>