Deconstructing Digital HR Landscapes: Perspectives From Comparative Studies And Business Trends

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Abstract:
The aim of this paper is to identify fields of digital HR Landscape, as well as business strategies, practices, and trends. Businesses are adopting digital entrepreneurship more frequently in today's quickly changing digital environment in order to secure their continued existence, expansion, and advancement. This article explores the various aspects, opportunities, difficulties, and methods of digital Human Resources. The digital technologies make it easier to coordinate different stages of the business process, the idea of digital business models has become more and more common. Digital entrepreneurship is a branch of entrepreneurship that uses digital tools and offers digital products and services. The article also includes case studies and real-world examples, as well as discussions of upcoming technology, industrial trends, and ethical issues. This study attempts to evaluate HR and technology in order to pinpoint current trends in HR technology and, based on those findings, offer some potential directions for further investigation. Design, procedure, and strategy A comprehensive assessment of publications and reports on technology and human resources served as the study's foundation. The results complete the study of HR and technology and lead to a more thorough grasp of the subject. A conceptual framework is also provided to direct and inform next research projects. Limitations and implications of the research: It's probable that not all articles and papers on human resources and technology.

Key Words: Deconstruction, Digital HR, Business Trend, HR Transformation, Digital Technology, Artificial Intelligent, Digital Leadership Skills, Digital Economy

Introduction:

The rapidly advancing digital technology and the growing acceptance of creative and competitive business models in today's world. Businesses must emphasize digital transformation to secure survival, growth, and success in the era of rapid progress and information and communication technology revolutions. Digital Technology is a popular way for individuals to start their own businesses in today's fast-paced digital economy. To remain competitive, businesses must undertake a digital transformation because to the rapid advancement of information and communication technology (Alshaar, 2023) rather than just being inventive. The digital business model is gaining popularity due to its capacity to coordinate multiple components of a business process, allowing organizations to produce value. Digital business models are more valuable than their pre-digital counterparts. Information technology helps entrepreneurs overcome several obstacles, including, With technical developments. Digital business platforms have significantly increased the consumption of information. Understanding the digital HR landscape: possibilities, problems, and tactics for digital entrepreneurship. Internationalization has led to increased consumer access and convenience. Al-Barashdia (2021) predicts that digital entrepreneurial firms would thrive in the future due to their ability to react to economic shifts and viral outbreaks.

Navigating the Digital HR Landscape

The world we live in is changing as a result of digital transformation, and the exponential rise of technology has had a significant impact on how HR handles teams in various capacities within businesses. Even if individuals are continually adopting technology, HR is entrusted with the continuing responsibility of stimulating innovation and accelerating transformation in the workplace. As the traditional competitive edge fades, many aspects in team management and expectations can be efficiently addressed by digitization. Traditionally, HR duties involved face-to-face interactions, transactional processes, and a lot of paperwork. However, as these processes have become more digitally advanced, the majority of tasks have been automated by technological solutions. HR professionals' roles have altered, with a greater emphasis on employee experience through recruitment tools such as ATS, automated resume screening, evaluations, and onboarding processes. Employee performance and engagement are evaluated using performance management technologies, which identify areas for improvement and provide individualized training and development plans for the team.

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Research Objectives:

➢ Digital HR makes the recruitment process easier, allowing you to expand your selection process and analyze prospects more assertively.
➢ Explain how digital transformation relates to the larger company goals.
➢ Help managers and staff comprehend the reasons for change, new processes, and expected outcomes.
➢ Maintain an ongoing HR technology strategy to meet changing business requirements.
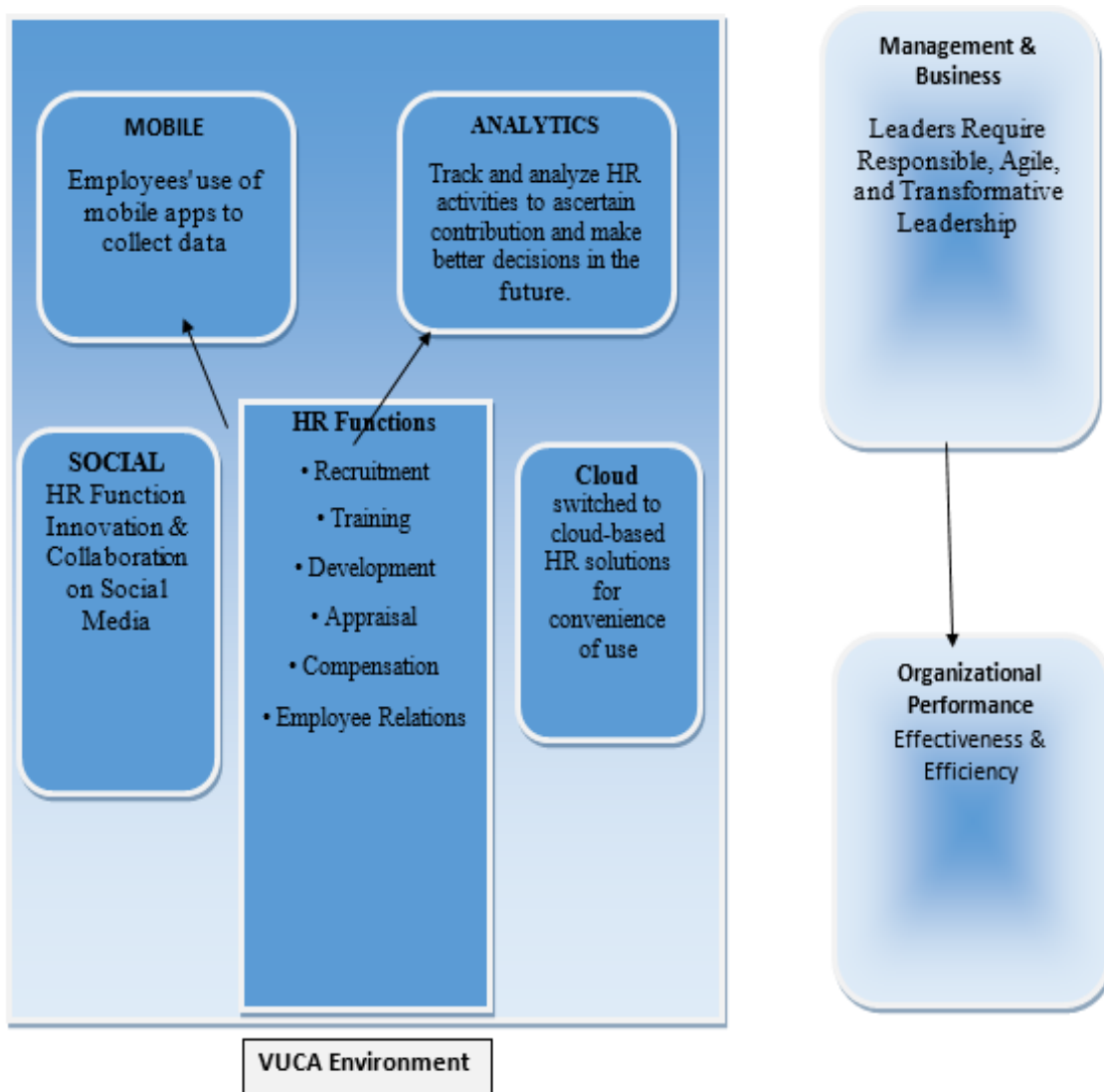
Literature Review:

The selection of the study criteria is developed as a part of literature review procedure. The online Web of Science database provided pertinent papers, or date is collected and arranged for this investigation. The web-based WoS was developed in 1960 and is currently owned by Carafate Analytics. The collection of bibliographic database, citations, and references to academic publication from a range of scientific, technology, humanistic, and social issues has been amassed since 1945. According to Sánchez et al. (2017), the World of Science (WoS)The alteration in HR from traditional approaches to digital methods is reflected in the use of multiple technologies, including cloud-based platforms, artificial intelligence (AI), machine learning, and human resource information systems (HRIS). These improvements increased data analytics capabilities, expedited HR procedures, and boosted decision-making (Bondarouk & Brewster, 2016). Digital tools are using in hiring, performance management, employee engagement, and learning and development processes, which is a hallmark of the change (Strohmeier, 2009). the disparities in the adoption of digital HR between various industries and geographical regions. According to studies, for example, North American and European businesses are leading the way in the adoption of digital HR, utilizing AI and advanced analytics to improve the HR process (Stone et al., 2015). An improvement in organizational agility, worker happiness, and general productivity is associated with the use of digital HR practices. Research indicates that businesses possessing sophisticated digital HR capabilities typically show superior financial results and are more skilled at managing market volatility (Parry & Tyson, 2011). Digital human resources adoption is not without its difficulties, despite its advantages. Within businesses, where ordinary mindsets and practices are prevalent, resistance to change is a major hurdle (Ulrich et al., 2013). It is anticipated that new technologies like blockchain, augmented reality (AR), and powerful AI would influence digital HR. According to Jesuthasan and Boudreau (2018), these technologies have the capacity to significantly change HR procedures by promoting employee experiences that are more tailored to them, increasing transparency, and strengthening training initiatives. Digital HR solutions are going to become important in today's workplaces as a result of the trend toward remote work and virtual collaboration (Bondarouk et al., 2020).

Figure No: 01 Theoretical framework of digital HR landscapes and organizational outcomes.Source: The Author
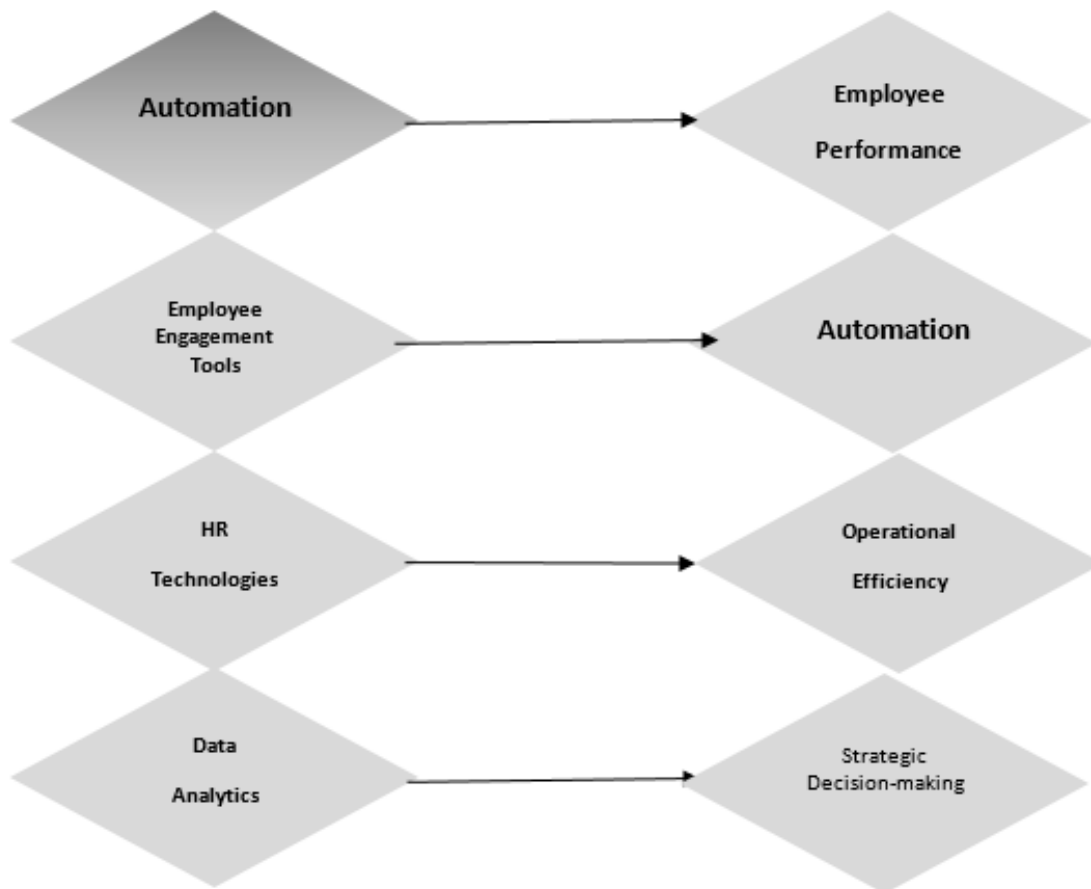
Figure No 1 diagram illustrates that the theoretical framework connecting components of the digital HR Landscape to organization outcomes

A DIGITAL HR LANDSCAPE

MOBILE
Employees' use of mobile apps to collect data

ANALYTICS
Track and analyze HR activities to ascertain contribution and make better decisions in the future.

SOCIAL
HR Function Innovation & Collaboration on Social Media

HR Functions
• Recruitment
• Training
• Development
• Appraisal
• Compensation
• Employee Relations

Cloud
switched to cloud-based HR solutions for convenience of use

Management & Business
Leaders Require Responsible, Agile, and Transformative Leadership

Organizational Performance
Effectiveness & Efficiency

VUCA Environment

Figure 02: Know how people strong helped a growing business build

Digital Ethics

The digital transformation of Human Resources (HR) brings forth a host of ethical considerations that businesses must navigate. HR experts must routinely assess and improve algorithms. Concerns over privacy invasion and trust are raised by the use of digital tools, such email monitoring, keyboard logging, and GPS tracking, for employee activity monitoring. While productivity and security concerns may need some degree of monitoring, it is critical for HR to develop explicit policies that strike a balance between corporate requirements and employee privacy rights.HR should be very transparent about the usage of digital tools, the types of data that are gathered, and how those data are put to use. Accountability procedures should also be in place to handle complaints or issues pertaining to digital practices.

Ensuring transparency, accountability, and justice is crucial when utilizing AI to make decisions that affect personnel, such performance reviews or promotions. Human control should be maintained in order to prevent discriminatory outcomes or unforeseen effects; therefore,

HR professionals should exercise caution when depending only on AI-driven judgments. HR professionals must participate in continuous learning and stay up to date on developing digital trends, ethical frameworks, and best practices due to the rapid speed of technological advancement. This continuous learning equips HR to make wise choices and successfully negotiate moral dilemmas in the digital age.
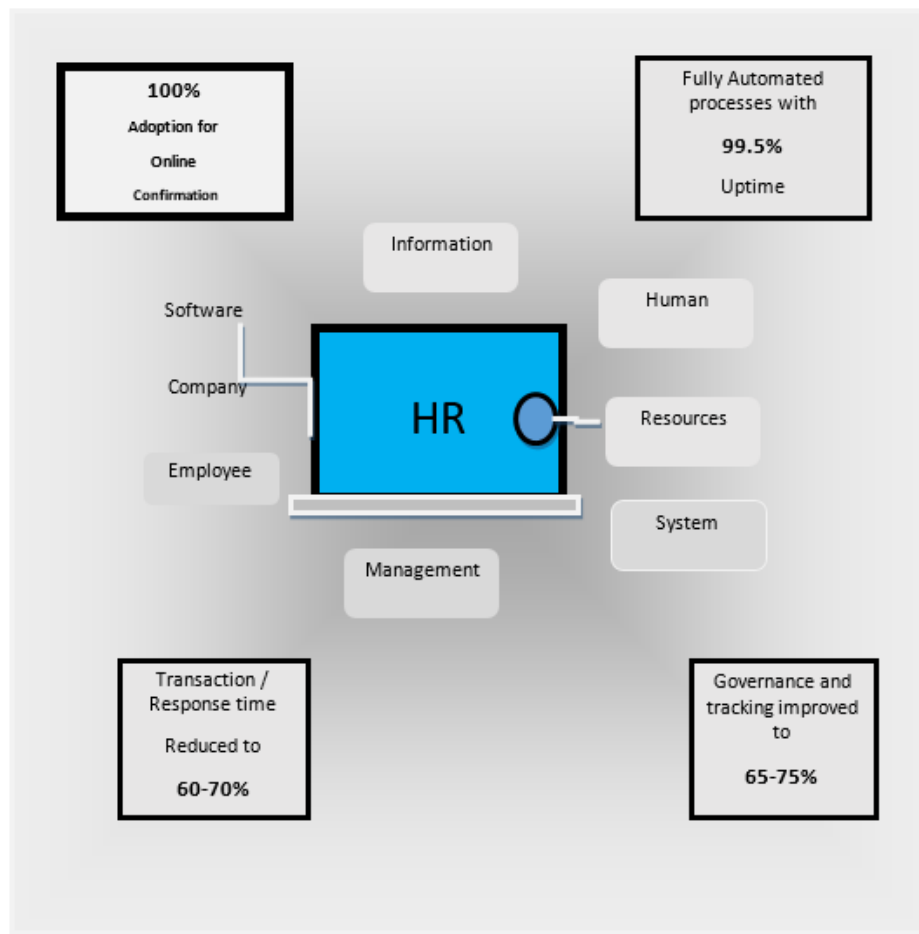
A DIGITAL HR LANDSCAPE

Figure No 03: Know how people strong helped a Growing Business Field
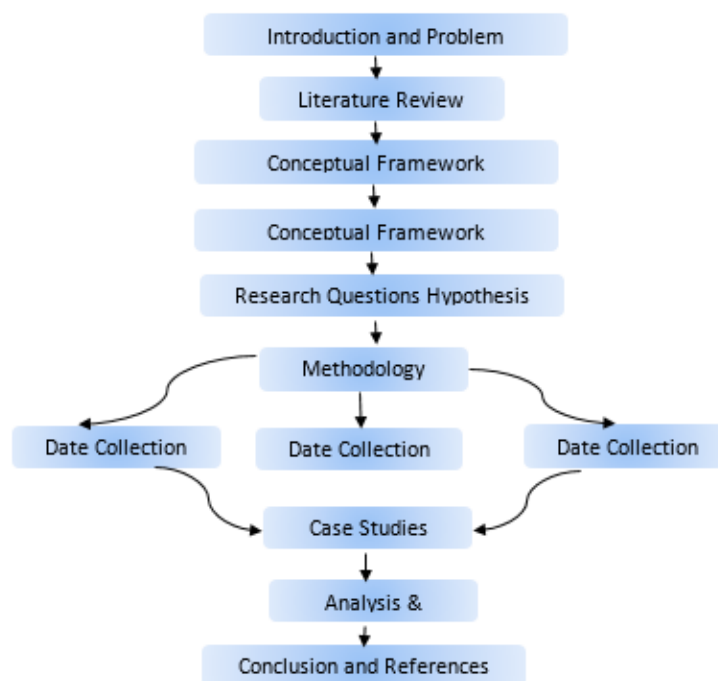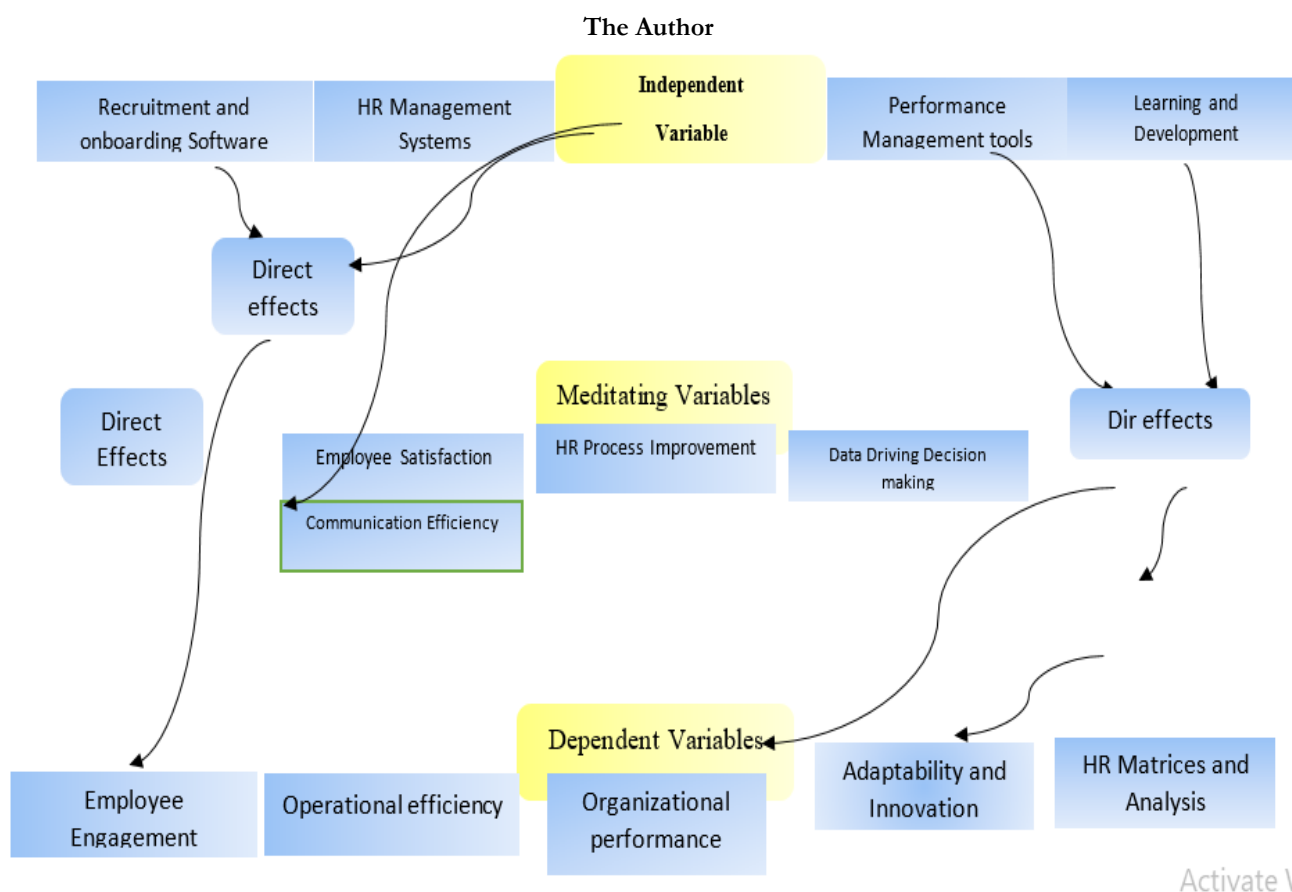
Research Design

Figure No 04: Flowchart of the research design.

The Author

Figure No 05: Variables Diagram
Source: The Author

Methodology
The study uses a comparative research design to examine how the digital HR landscapes differ and are comparable in different industries, locations, and organizational sizes. This method aids in comprehending the various aspects that impact the usage and efficiency of digital HR solutions.

Data Sources
A careful examination took place in the fields of general business management, human resources, economics, and the HR Landscape utilizing respectable academic databases, such as Scopus, academic and peer-reviewed publications. Academic databases that were consulted include Research Gate, Academia, ProQuest, Emerald Insight, EBSCOHost, and Science Direct. Information from businesses, such as evaluations, updates, press releases, and editorials that are accessible on digital platforms, is assessed to get industry-relevant insights. To get insight into talent development policies and procedures, official publications from relevant government departments and agencies were examined.

Data Collection Process
The retrieved articles were assessed for quality, suitability, and relevancy. Articles from reputable journals were the only ones that were considered; those from untrustworthy sources were excluded. The abstracts of the selected publications were reviewed in order to eliminate unnecessary research and make sure the publications met the study's goals. A comprehensive review and analysis of the remaining papers was conducted, taking into consideration their methodology, substance, conclusions, and consequences. To achieve the goals of the study, pertinent information and conclusions from the literature were carefully included.

Data Analysis
 For the data analysis, a quantitative and qualitative approach is observed The researcher used multiple software for data analysis SPSS, PLS Smart, also used Excel, and Word for table and diagram Within the framework of the HR environment under reconstruction, significant themes, concepts, and trends pertaining to talent development techniques were identified and compiled. A thorough grasp of the issue is obtained by applying synthesis and comparative analysis.
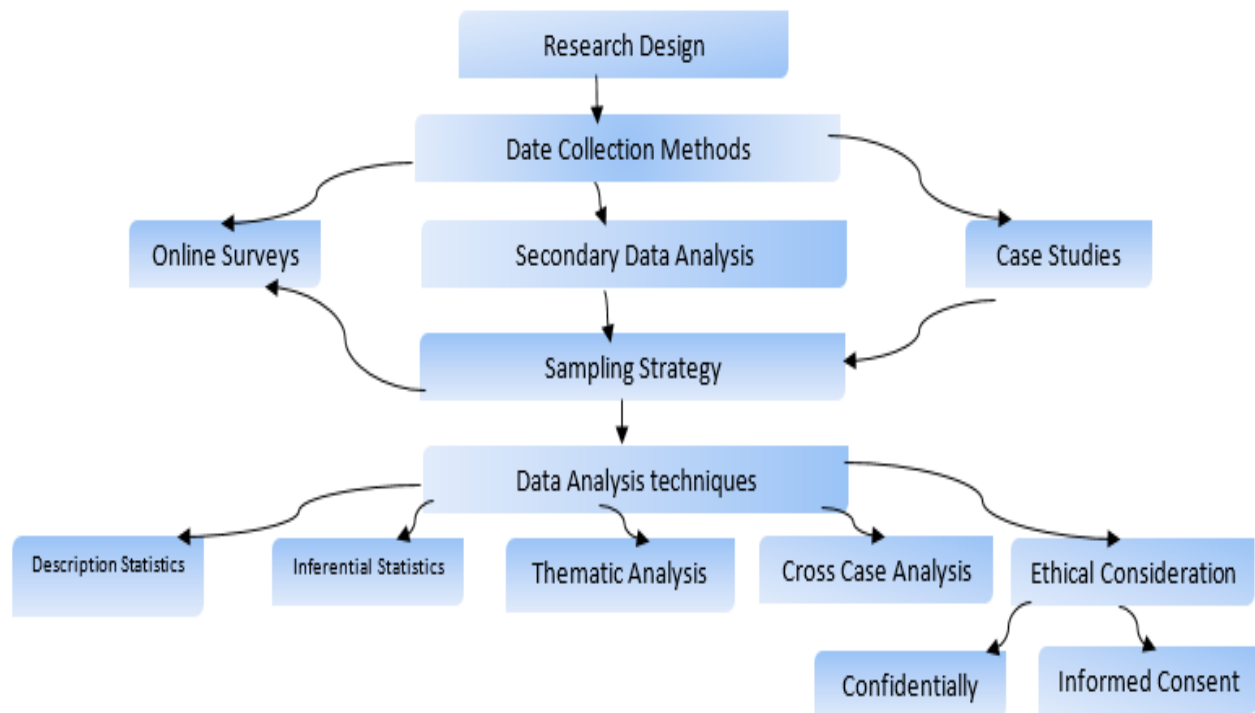
Figure No 06 Research Framework Diagram:
Source; The Author

Case Study: Global Tech Corporation
Organization: Global Tech Cooperation
Objectives: To enhance employee engagement,
Context: Global Tech Corporation is a global technology company that employs about 15,000 people worldwide. The company is a leader in the use of digital HR technologies to streamline its HR procedures. The business developed an AI-powered hiring platform that matches candidates with job descriptions, schedules interviews, and assesses resumes using machine learning algorithms. This method improved hiring quality while reducing hiring time by thirty percent.

Global Tech introduced a cloud-based HR website that interacts with social networking sites and provides instant feedback and recognition in order to increase employee engagement. Employees can use this platform's mobile app to access HR services while they're on the go. Annual performance reviews were replaced by a continuous feedback system driven by digital tools within the business. This solution uses data analytics to track performance indicators and generate customized development plans.

Outcomes:
We collect data from around 150 people worldwide regarding this company. Reach the target audience using email, online platforms, professional networks, and industry associations. Employees, Finance Department, Executive Leadership, and the Human Resources Department Administrative costs and payroll processing errors were reduced. Implementation of Digital Human Resource Landscape Components Significant savings in administrative effort allow HR professionals to concentrate on strategic objectives.

Employee satisfaction increased as a result of simpler processes and improved access to HR services. Data analytics and real-time insights enable better decision-making. To examine the digital HR implementation at Global Tech Corporation, we can identify the dependent and independent variables in their process improvements.

Case Study: Regional Retail Chain
Organization: Regional Retail Chain
Objective: The company's financial software and ensures accurate and timely processing.
Background: The Regional Retail Chain employs about 10,000 people and has more than 200 outlets throughout multiple states. The business had to deal with a high staff turnover rate and ineffective HR procedures. The retail company implemented an automated paperwork processing system and e-learning courses as part of its digital onboarding program. With this system, new hire retention is increased and onboarding time is decreased. Payroll, benefits, and compliance are managed using a cloud-based HRMS that is introduced. This solution guarantees correct and timely processing by integrating with the business's financial software.

With the launch of a self-service site, staff members may now view pay stubs, change personal information, and manage benefits online. Employee empowerment and HR staff workload are lessened as a result. About people worldwide, we gather information about this company. To reach the target population, use industry groups, professional networks, online surveys, and email. such as the HR Department, Executive Leadership, Finance Department, and Employees decreased payroll processing errors and administrative expenses. reduced turnover rates as a result of improved employee satisfaction and onboarding. HR activities were streamlined, enabling more dependable and quick service delivery. We can determine the dependent and independent variables involved in the Regional Retail Chain's digital HR transformation in order to examine the HR problems and solutions at the company. When conducting a study on company trends and digital HR environments, it's critical to identify essential entities and organizations that can offer insightful data. The following categories of bodies and organizations should be taken into account for your survey:

Figure No:12 The impact of the digital onboarding system and cloud-based HRMS
Source; The Author

HR Metric	Before Implementation	After Implementation
Employee Turnover Rate	15%	10%
Onboarding Time (days)	20	10
New Hire Retention Rate	3-Month: 80%	3-Month: 90%
	1-Year: 60%	1-Year: 75%
HR Process Efficiency	Payroll: 40%	Payroll: 20%
	Benefits: 30%	Benefits: 15%
	Compliance: 20%	Compliance: 10%
Employee Self-Service Usage	Update Info: 35%	Update Info: 35%
	View Pay Stubs: 25%	View Pay Stubs: 25%
	Manage Benefits: 20%	Manage Benefits: 20%
Payroll & Benefits Accuracy	Average Errors: 50	Average Errors: 10

Discussion and Analysis

The Regional Retail Chain's use of a cloud-based HRMS and digital onboarding system The advantages brought about by both systems are demonstrated in this table, which offers a clear comparison of important HR KPIs before and after the Regional Retail Chain implemented a cloud-based HRMS and a digital onboarding system. Rate of Employee Change in Value The Table shows a significant decrease in employee attrition rates once the digital onboarding method was implemented. Staff turnover decreased to 10% in the months that followed the implementation from 15% in the months before, indicating that the new system is helping to retain employees more successfully.

Before and after the digital onboarding system was implemented, the average onboarding time is shown in a bar chart. The average amount of time needed to onboard new hires dropped from 20 days to 10 days, indicating a notable increase in the process' effectiveness.

Rate of Retention for New Hires The new hire retention rates are plotted on a line chart every three months. The retention percentage rose from 60% to 75% after a year and from 80% to 90% at the 3-month mark following the adoption of the digital onboarding method. This suggests that over time, the new system will aid in the more effective retention of new staff.HR Procedure Effectiveness.

The stacked bar chart illustrates how different HR procedures are streamlined by the cloud-based HRMS. Payroll processing took up 20% less time overall than HR time, while benefits management took up 30% less time. Additionally, HR time spent on compliance-related tasks was cut from 20% to 10%. Updating personal information (35%), seeing pay stubs (25%), and managing benefits (20%) are the most often used features. This demonstrates how staff members are utilizing the self-service portal's features and actively interacting with it. Accuracy of Payroll and Benefits Processing The number of payroll and benefits processing errors before and after the cloud-based HRMS was implemented is contrasted in the bar chart.

The accuracy and promptness of payroll and benefits processing have significantly improved, as seen by the drop in errors from an average of 50 per month to just 10 per month. The favorable effect of the cloud-based HRMS and digital onboarding system on the HR metrics of the Regional Retail Chain is amply illustrated by these charts. The new solutions boost new recruit retention, lower employee turnover, expedite HR and onboarding procedures, and increase the accuracy of payroll and benefits processing.

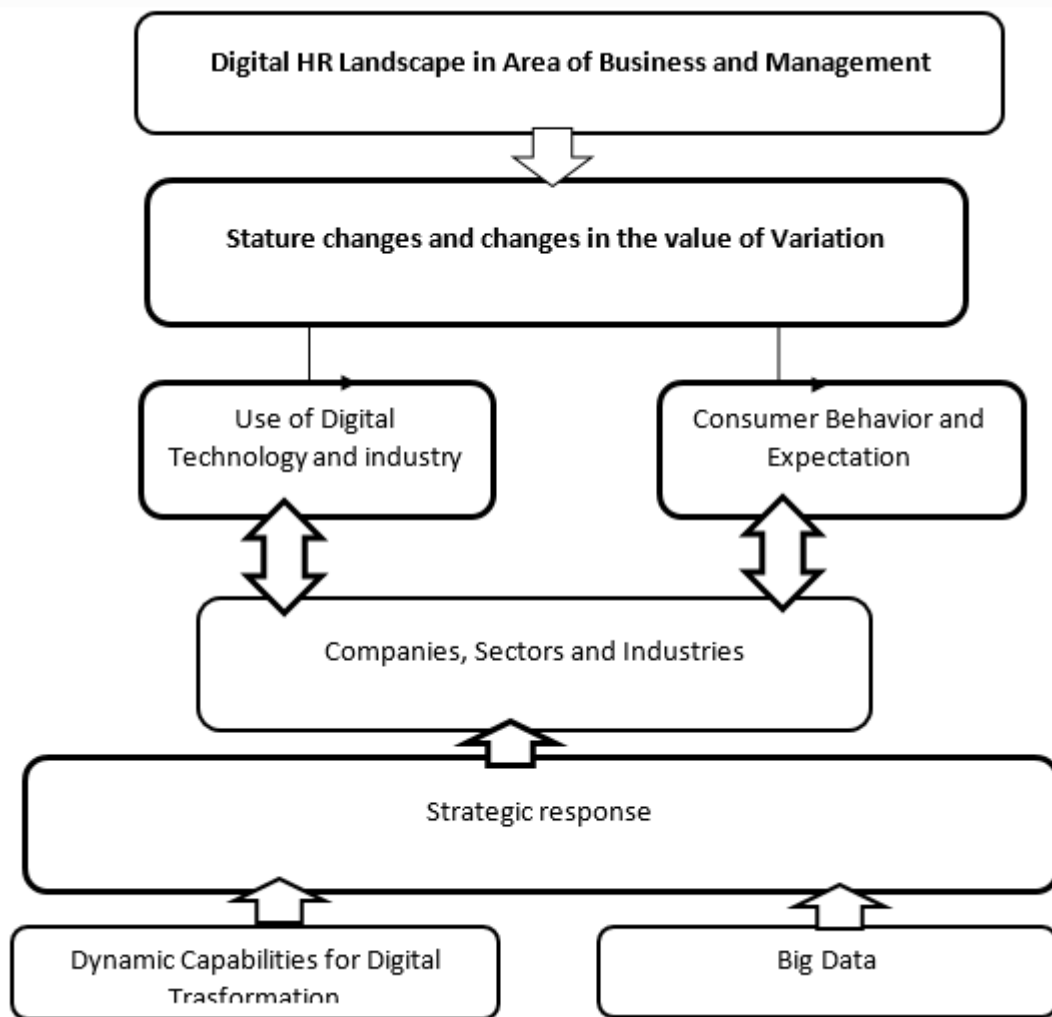**Discussion:**
Theoretical Contribution

Figure No13: was developed to provide a synergistic view of existing research on Human Resources Digital Landscape in the areas of business.

The framework can be interpreted as follows. Research on digital HR Landscape in business is motivated by work that takes an internal viewpoint, i.e. a resource-based approach, as well as an external perspective, i.e. one of structural change and a shift in how value is/can be created as a result. With the former, previous study has focused on the role of strategy, dynamic skills, and the use of big data in successfully tackling digital transformation in businesses Policymakers may also find this paper's contributions beneficial, particularly in terms of providing a fine-grained knowledge of the connectivity between Digital Landscape occurring at multiple levels and in different settings, such as the firm level or sector/industry levels, as well as B2B and B2C. Digital environment denotes change, particularly structural change, the data given in this research can be seen as useful inputs for influencing the success of this change process. This understanding, together with the requirement to create specialized dynamic capacities and have dedicated responses in the form of Digital Landscape for Business strategies, can assist policymakers in designing and implementing better informed policies aiming at long-term Digital Technology that benefit a wide range of stakeholders. The current study, like every other studies, has limitations. The chosen research approach did not allow for the incorporation of all existing Digital Technology research in business. As a result, the offered findings reflect the field's current state at a given point in time. In other words, the analysis is backward-looking (Vallaster et al., 2019). Digital Landscape not only in additional (i.e. diverse) industries, but also within distinct industries to gain a more nuanced understanding. This could lead to more specific solutions being suggested. Given the direct and indirect costs associated with Digital Landscape (e.g., establishing new and varied dynamic capabilities), it appears that there is also a need for research to develop qualitative and quantitative indicators that businesses can use to assess the performance of their DT initiatives. These could be critical for small businesses in particular. It is clear that a crucial area needs to be prioritized for the future HR function, in keeping with the KPMG survey results. Only 70% of corporate executives believe that a digital revolution is currently taking place, despite the fact that 81% of them agree that HR brings value to their companies. These figures highlight how critical it is to create the next-generation HR function, which will bridge the digital divide and facilitate better decision-making by utilizing data and AI. The Future HR Function's Critical Aspect of Managerial Implications Relying on studies by Gandhi (2017), Chua (2021), Dhillon et al. (2020), and Jain (2019), leaders and organizations should strategically prioritize and emphasize a number of important at every organizational level, the company's main goals and objectives need to align with its mission statement. This helps the organization's overall strategic direction and ensures that everyone is working towards the same goal. Second, given the unstable and ever-

changing nature of the environment, businesses should focus on anticipating and responding to these problems. It is necessary for employees to acquire new content, stay up to date on current events, and effectively communicate knowledge within the organization in order to ensure they are equipped to handle uncertainty. This not only fulfills the demands and expectations of younger workers, but it also makes it possible to preserve and effectively utilize organizational expertise as the HR Landscape evolves. Describe the Strategies HR Experts Can Use to Promote Sustainable Development to promote sustainable growth, HR professionals can employ a range of tactics (Sharma & Singh, 2020; Nowacka & Rzemieniak, 2022; Chua, 2021). To start, building connections and working together across several teams encourages the generation of fresh concepts and makes it easier to find practical solutions to problems. HR professionals may contribute to the development of a workplace where individuals from different cultures can thrive and contribute their special insights by fostering an atmosphere of acceptance and understanding. Preserving organizational independence and adaptability is essential in the HR landscape. Professionals in human resources may be crucial in assisting firms' responsive and dynamic internal operations.
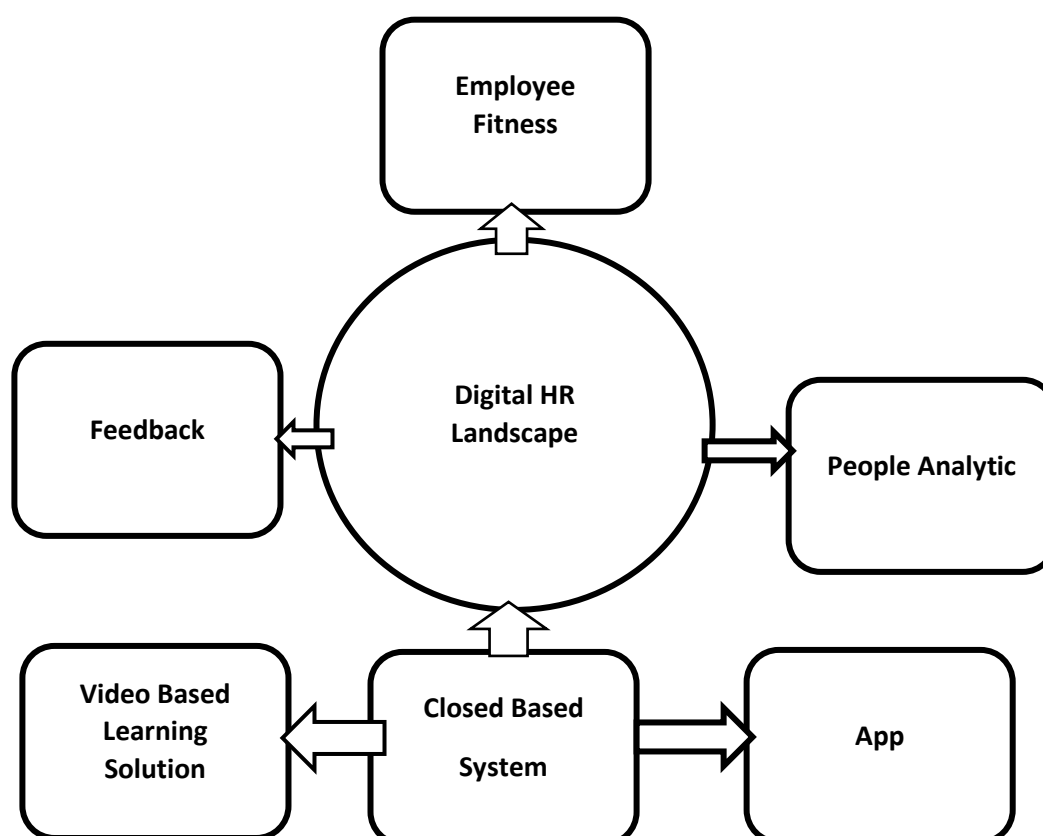

Figure No: 14 Review of the HR digital research field Conceptual framework for areas of concern regarding HR digital systems

Figure 18 Organizations must upgrade their HR systems to cloud-based. ERP suppliers, including Oracle, SAP, Workday, ADP, Ceridian, and Ultimate Software, must develop new HR systems. Systems built on the cloud and talent management suites. Vendors must reimagine their learning, recruitment, and other talent applications. ERP vendors must modernize their apps to meet the growing demand for video-based learning solutions in the recruitment industry. Market, culture, and engagement app feedback has led to the construction of apps that will eliminate traditional techniques. In today's market, employees are considerably more mature in terms of fitness and other connected concerns. Companies must create tools that help employees manage health concerns, track fitness, interact with healthcare professionals, and balance work and life. To win in the market, enterprises must have strong people analytics strategies, and vendors must integrate predictive analytics into their products. Apps as Future Platforms. In the future, enterprises should use apps instead of traditional browser-based online platforms. This allows for easier network cooperation, peer-to-peer communication, and location identification the employees

Conclusion:
In order to draw talent, encourage creativity, and propel organizational success in a highly competitive business climate, the fast changing digital landscape calls for strategic, creative, and technologically advanced human capital management. Studies that draw comparisons show how important it is to tackle the digital HR transformation from all angles. Comparative research shows that whereas businesses all around the world are implementing digital HR technologies, there are significant differences in the scope and effectiveness of these efforts. Organizational culture, infrastructure preparedness, and strategy alignment with corporate objectives are important variables affecting these variances. The HR Landscape in digital business is growing to be a significant and revolutionary force inside the business sector. Old procedures can be reinvented by

entrepreneurs to produce cutting-edge goods and services that boost competitiveness and economic growth. The total success of digital Business is influenced by the several dimensions of digital entrepreneurship. These elements support business owners in navigating the digital terrain and realizing the promise of technology-driven innovation. However, troubles remain. Organizations face a number of difficult obstacles, including the need for ongoing upskilling, employee resistance to change, and worries about data privacy and security. In addition to financial resources, a dedication to cultivating an environment of ongoing learning and flexibility is necessary for a successful digital HR transformation. The objectives of the digital business model are to advance technological use, competitive advantage, market expansion, job creation, innovation in products, and profitability. By pursuing these objectives, digital entrepreneurs can make a constructive contribution to society. Gaining a larger customer base, maintaining competitiveness, streamlining operations, and cutting expenses all depend on digital entrepreneurship. Challenges for digital entrepreneurs include technological and organizational constraints, customer acceptability, market instability, and risks. Effective resource management, flexibility, and strategic planning are necessary to overcome these issues. A more empowered future, new chances, and excellent results can result from embracing digital entrepreneurship.

References:
1. Al-Faris, M. M. & Bani Khaled, M. H. H. (2022). Impact of Digital Leadership on Kuwaiti Hospitals' Employees' Performance: The impact of digital leadership on the performance of workers in Kuwait hospitals. Journal of Economic, Administrative and Legal Sciences, 6(19), 132-142.
2. Alhiary, E., & Alsaket, W. (2021). The impact of digital entrepreneurship on the environmental quality of agricultural companies: Evidence from agricultural companies in Jordan valley. Management Science Letters, 11(8), 2267-2278.
3. Alkasasbeh, A., Masa Halim, M. H., & Omar, K. (2016). E-HRM, workforce agility and organizational performance: A review paper toward theoretical framework. International Journal of Applied Business and Economic Research, 14(15), 10671–10685
4. Al-Nsour, B. H., & Khliefat, I. H. (2020). The impact of digital leadership on organizational performance from the point of view of managers of Jordanian pharmaceutical companies within the perspective of social network theory. The Jordanian Journal of Business Administration, 16 (1), 260-284
5. Amit, R., & Zott, C. (2001). Value creation in e-business. Strategic Management Journal, 22(6-7), 493–520.
6. Araujo, L. M., Priadana, S., Paramarta, V., & Sunarsi, D. (2021). Digital leadership in business organizations. International Journal of Educational Administration, Management, and Leadership, 45-56..
7. Băeşu, C., & Bejinaru, R. (2020, July). Knowledge management strategies for leadership in the digital business environment. In Proceedings of the International Conference on Business Excellence (Vol. 14, No. 1, pp. 646-656).
8. Benson, A. D., Johnson, S. D., & Kuchinke, K. P. (2002). The use of technology in the digital workplace: A framework for human resource development. Advances in Developing Human Resources, 4(4), 392–404.
9. Berghaus, S., & Back, A. (2017). Disentangling the fuzzy front end of digital transformation: Activities and approaches. University of St. Gallen.
10. Bersin, J. (2018). HR technology for 2019: 10 big disruptions on the horizon. Deloitte Insights. Link
11. Betchoo, N. K. (2016). Digital transformation and its impact on human resource management: A case analysis of two unrelated businesses in the Mauritian public service. In 2016 IEEE International Conference on Emerging Technologies and Innovative Business Practices for the Transformation of Societies (EmergiTech) (pp. 147–152). IEEE.
12. Bhange, D. A., Kadu, S. V., Mohitkar, H. V., Hinge, K. K., Ghodke, N. C., & Nilesh. (2022). Recruitment App – A Custom Application on salesforce.com. International Journal of Computer Science and Mobile Computing, 11(1), 9–13. https://doi.org/10.47760/ijcsmc.2022.v11i01.003
13. Bharadwaj, A., El Sawy, O. A., Pavlou, P. A., & Venkatraman, N. v. (2013). Digital business strategy: Toward a next generation of insights. MIS Quarterly, 1, 471–482.
14. Bilgeri, D., Wortmann, F., & Fleisch, E. (2017). How digital transformation affects large manufacturing companies' organization. Research Gate.
15. Bondarouk, T., & Brewster, C. (2016). Conceptualizing the future of HRM and technology research. The International Journal of Human Resource Management, 27(21), 2652-2671.
16. Bondarouk, T., & Brewster, C. (2016). Conceptualizing the future of HR and technology research. The International Journal of Human Resource Management, 27(21), 2652–2671.
17. Bondarouk, T., Harms, R., & Lepak, D. P. (2020). Does e-HRM lead to better HRM service?. The International Journal of Human Resource Management, 31(4), 74-98.
18. Bondarouk, T., Parry, E., & Furtmueller, E. (2017). Electronic HRM: Four decades of research on adoption and consequences. The International Journal of Human Resource Management, 28(1), 98-131.
19. Boudreau, J. W., & Strategy. (2015). HR at the tipping point: The paradoxical future of our profession. People, 38(4), 46.
20. Chua, G. (2021, March 9). HR Guide: HR in a HR Landscape World - QuickHR Singapore. Quick Hr. https://www.quickhr.co/HR-in-a-HR LANDSCAPE -World
21. Démeijer, D. (2017). Making digital HR work: A study in changes in perceived consequences of e-HR in the past decade. University of Twente].

22. Dhillon, R., Nguyen, Q. C., Kleppestø, S., &Hellström, M. (2020). Strategies to Respond to a HR Landscape World [Lunds Universitet]. https://lup.lub.lu.se/luur/download?func=downloadFile&recordOId=9040634&fileOId=9040636

23. Di Romualdo, A., El-Khoury, D., & Girimonte, F. (2018). HR in the digital age: how digital technology will change HR's organization structure, processes and roles. Strategic HR Review, 17(5), 234–242.

24. Erica, (2019). What Kylie Cosmetics is Doing Right with Their Marketing?

25. Evans, C. (2014). Book review: Transformational and charismatic leadership: The road ahead. Management Learning, 45(2), 235–236. https://doi.org/10.1177/1350507614524412 Gandhi, L. (2017). Human Resource Challenges in HR Landscape and SMAC Business E

26. Evseeva, O., Kalchenko, O., Evseeva, S., & Plis, K. (2019). Instruments of human resource management based on the digital technologies in Russia. Atlantis Highlights in Computer Sciences, 1, 148–154.

27. Fabbri, T., Mandreoli, F., Martoglia, R., & Scapolan, A. C. (2019). Employee attitudes and (digital) collaboration data: A preliminary analysis in the HR field. In 2019 28th International Conference on Computer Communication and Networks (ICCCN) (pp. 1–6). IEEE.

28. Fichman, R. G., Dos Santos, B. L., & Zheng, Z. (2014). Digital innovation as a fundamental and powerful concept in the information systems curriculum. MIS Quarterly, 38(2), 329–A315.

29. Fregnan, E., Ivaldi, S., & Scaratti, G. (2020). HR 4.0 and new managerial competences profile: The COMAU case. Frontiers in Psychology, 11, 578251.

30. Garrow, V., & Varney, S. (2015). Organization Design in a HR Landscape World, A Paper from HR in a Disordered World: IES Perspectives on HR 2015. Institute for Employment Studies, 27. http://www.employment-studies.co.uk/system/files/resources/files/mp105.pdf

31. Gartner. (2021). Magic Quadrant for Cloud HCM Suites for 1,000+ Employee Business. Link

32. Hamid, D. S. (2019). The Strategic Position of Human Resource Management for Creating Sustainable Competitive Advantage in the HR Landscape World. Journal Of Human Resources Management and Labor Studies, 7(2), 1–4. https://doi.org/10.15640/jhrmls.v7n2a1

33. Harvard Business School, (2016). Creating Emerging Markets, Interviews, Fadi Ghandour.

34. Hunt, C. (2014). Transforming talent management: The impact of social and digital tech. The Denovati group.

35. Jesemann, I. (2020). Support of startup innovation towards development of new industries. Procedia Cirp, 88, 3–8.

36. Jesuthasan, R., & Boudreau, J. W. (2018). Reinventing jobs: A 4-step approach for applying automation to work. Harvard Business Review Press.

37. Johansen, B. (2007). Get There Early: Sensing the Future to Compete in the Present (1st ed.). Berrett-Koehler Publishers.

38. Ketolainen, N. (2018). Digitalization of human resources–The transformation journey into automated and data-driven service organization

39. Kowalski, T. H., & Loretto, W. (2017). Well-being and HR in the changing workplace. Taylor & Francis.

40. Kraus, S.; Jones, P.; Kailer, N.; Weinmann, A.; Chaparro-Banegas, N.; Roig-Tierno, N. Digital Transformation: An Overview of the Current State of the Art of Research. SAGE Open **2021**, 11, 21582440211047576.

41. Ladkin, A., & Buhalis, D. (2016). Online and social media recruitment: Hospitality employer and prospective employee considerations. International Journal Of Contemporary Hospitality Management, 28(2), 327–345.

42. Leviäkangas, P. (2016). Digitalization of Finland's transport sector. Technology in Society, 47, 1–15.

43. Lobschat, L., Mueller, B., Eggers, F., Brandimarte, L., Diefenbach, S., Kroschke, M., & Wirtz, J. J. J. (2021). Corporate digital responsibility. Journal of Business Research, 122, 875–888.

44. Marler, J. H., & Boudreau, J. W. (2017). An evidence-based review of HR Analytics. The International Journal of Human Resource Management, 28(1), 3-26.

45. Marler, J. H., & Parry, E. (2016). Human resource management, strategic involvement and e-HRM technology. The International Journal of Human Resource Management, 27(19), 2233-2253.

46. Media, D. (2021). It says the HR market is big, so how does it do digital transformation? available at: https://www.dashunet.cn/archives/5786.

47. Millar, C. C. J. M., Groth, O., & Mahon, J. F. (2018). Management Innovation in a HR Landscape World: Challenges and Recommendations. California Management Review, 61(1), 5–14. https://doi.org/10.1177/0008125618805111

48. Minuit, A., & De Palma, P. D. (2018). Digital HR (Vol. 10, pp. 978–973). Palgrave Macmillan.

49. Mosca, M. (2020). Digitalization of HR: A study of success factors and consequences in the last decade. University of Twente.

50. Murphy, A. (2018). Can the digitization of HR services alter employee perceptions of those services and the HR function at the same time as delivering HR operational cost savings to an organization? Dublin Business School.

51. Nawaz, N. (2017). A comprehensive literature review of the digital HR research filed. Information and Knowledge Management, 7(4), 6.

52. Nowacka, A., &Rzemieniak, M. (2022). The Impact of the HR Landscape on the Digital Competences of Managers in the Power Industry. Energies, 15(1), Article 1. https://doi.org/10.3390/en15010185

53. Öğe, S. (2004). Elektronik İnsan Kaynakları Yönetimi (E-HR) nde İnsan Kaynakları Enformasyon System (HRIS) nin Önemi ve Temel Kullanım Alanları (pp. 109–117). Ulusal Bilgi.

54. Osmundsen, K., Iden, J., & Bygstad, B. (2018). Digital transformation: Drivers, success factors, and implications. MCIS.

55. Pagani, M., & Pardo, C. (2017). The impact of digital technology on relationships in a business network. Industrial Marketing Management, 67, 185–192.
56. Parry, E., & Tyson, S. (2011). Desired goals and actual outcomes of e-HRM. Human Resource Management Journal, 21(3), 335-354.
57. Raghuramapatruni, D. R., & Kosuri, S. R. (2017). The Straits of Success in a HR Landscape World. IOSR Journal of Business and Management, 1, 16–22.
58. Reinhold, S. & Dolnicar, S. (2021). The evolution of Airbnb's business model, in S. Dolnicar (Ed.) Airbnb before, during and after COVID-19, University of Queensland
59. Roberts, S. J., & Roach, T. (2009). Social Networking Web Sites and Human Resource Personnel: Suggestions for Job Searches. Business Communication Quarterly, 72(1), 110–114. https://doi.org/10.1177/1080569908330380
60. Sağbaş, M., & Erdoğan, F. A. (2022). Digital Leadership: A Systematic Conceptual Literature Review. İstanbul Kent Üniversitesi İnsan ve Toplum Bilimleri Dergisi, 3(1), 17-35
61. Sarkar, A. (2016). We live in a Hr Landscape World: The importance of responsible leadership. Development and Learning in Organizations: An International Journal, 30(3), 9–12. https://doi.org/10.1108/DLO-07- 2015-0062
62. SHR. (2021). The Evolution of HR Technology. Link
63. Shrivastava, S., Nagdev, K., & Rajesh, A. (2018). Redefining HR using people analytics: The case of Google. Human Resource Management International Digest, 26(2), 3–6. https://doi.org/10.1108/HRMID06-2017-0112
64. Singh, A., & Hess, T. (2020). How chief digital officers promote the digital transformation of their companies. In Strategic Information Management (pp. 202–220). Routledge.
65. Smirnova, A., Zaychenko, I., & Bagaeva, I. (2019). Formation of requirements for human resources in the conditions of digital transformation of business, . Proceedings of the International Conference on Digital Technologies in Logistics and Infrastructure (ICDTLI 2019).280-285). Atlantis Press Available online: https://www. atlantis-press. com/proceedings/icdtli-19/125918521
66. Soltanifar, M., Hughes, M., & Göcke, L. (2021). Digital entrepreneurship: Impact on business and society. Springer Nature.
67. Stone, D. L., Deadrick, D. L., Lukaszewski, K. M., & Johnson, R. (2015). The influence of technology on the future of human resource management. Human Resource Management Review, 25(2), 216-231.
68. Strohmeier, S. (2009). Concepts of e-HRM consequences: a categorisation, review and suggestion. The International Journal of Human Resource Management, 20(3), 528-543.
69. Thite, M. (2020). Digital human resource development: Where are we? Where should we go and how do we go there? Human Resource Development International, 25, 87–103.
70. Tou, Y., Watanabe, C., Moriya, K., & Neittaanmäki, P. (2019). Harnessing soft innovation resources leads to neo open innovation. Technology in Society, 28, e101114.
71. Ulrich, D., Younger, J., Brockbank, W., & Ulrich, M. (2013). The future targets or outcomes of HR work: Individuals, organizations, and leadership. Human Resource Development International, 16(2), 199-207.
72. van den Heuvel, S., & Bondarouk, T. (2017). The rise (and fall?) of HR analytics: A study into the future application, value, structure, and system support. Journal of Organizational Effectiveness: People and Performance, 4(2), 157-178.
73. Verma, A., Bansal, M., & Verma, J. (2020). Industry 4.0: Reshaping the future of HR. Strategic Direction, 36(5), 9–11. https://doi.org/10.1108/SD-12-2019-0235
74. Walia, A. (2021). Linking Business Strategy through HR in Hr Landscape Times. Amity Management Review, 10(1 & 2), 15–26.
75. Watts, S. (2019, July 1). Whatever happened to SMAC: Social, Mobile, Analytics, and Cloud? [The Business of IT Blog]. BMC Blogs. https://www.bmc.com/blogs/smac-social-mobile-analytics-cloud/