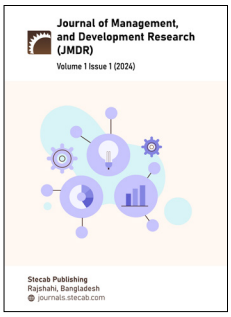

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Research Article

The Role of HR Analytics on Employee Performance in Kogi State Civil Service

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About Article

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ABSTRACT

The study aimed to investigate the impact of HR analytics on employee performance within the Kogi State Civil Service. The Methodology employed a descriptive quantitative approach to gather data from employees and HR professionals within the system. The findings of the study revealed a significant positive relationship between the use of HR analytics and employee performance. The study also concluded that enhancing HR analytics can lead to a noticeable improvement in employee performance within the civil service. Based on the findings of the study, the study recommends the promotion of the use of HR analytics, investing in the training and development of employees, implementing strategic recruitment strategies and focusing on retention initiatives as key measures to enhance employee performance in the Kogi State Civil Service.

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1. INTRODUCTION

In the contemporary landscape of human resource management, organizations are increasingly recognizing the transformative potential of data-driven decision-making. The advent of technology and the digitization of various business processes have given rise to a new era in human resources, where analytics play a pivotal role in shaping strategic initiatives. The Kogi State Civil Service, like many governmental institutions, faces unique challenges in managing and optimizing the performance of its workforce. As the demands on public administration evolve, the need for a responsive and efficient workforce becomes imperative. Traditional performance management systems often fall short in addressing the dynamic nature of government functions, making it essential for organizations to explore innovative approaches.

The Kogi State Civil Service, like many other governmental bodies, operates within a dynamic and complex environment characterized by diverse functions and a large workforce. Effective performance management is integral to the success of any organization, ensuring that employees align their efforts with organizational goals and contribute optimally to public service delivery. However, traditional performance management systems often face challenges in adapting to the unique demands of the public sector, necessitating the exploration of innovative approaches such as Human Resource (HR) analytics.

The Kogi State Civil Service encounters several challenges in managing and optimizing employee performance. These challenges include a lack of real-time performance insights, difficulty in measuring the impact of interventions, and the need for a more agile and responsive system that accommodates the dynamic nature of public administration. Traditional methods relying on subjective evaluations and periodic appraisals often fall short in addressing these challenges, prompting a need for a more data-driven and systematic approach.

In recent years, HR analytics has emerged as a strategic tool to harness the power of data in human resource management. Defined as the systematic identification and quantification of people drivers of business outcomes (Marler & Boudreau, 2017), HR analytics provides organizations with the ability to leverage data for informed decision-making in various HR functions, including recruitment, talent management, and performance evaluation.

The application of HR analytics in performance management is particularly relevant in the public sector, where the demand for transparency, accountability, and efficient service delivery is paramount (Bondarouk *et al*., 2020). By adopting HR analytics, the Kogi State Civil Service can move beyond traditional performance metrics and gain deeper insights into employee behavior, engagement, and productivity, facilitating evidence-based decision-making in workforce management.

While the potential benefits of HR analytics are well-documented, its successful implementation requires a nuanced understanding of the specific challenges and context within which it operates (Rasmussen *et al*., 2019). Therefore, this study seeks to investigate the role of HR analytics in the unique context of the Kogi State Civil Service, addressing the need for tailored solutions that align with the organizational structure, culture, and objectives of the public sector.

The integration of HR analytics in performance management presents a promising avenue for addressing the challenges faced by the Kogi State Civil Service. By examining the current state of performance management, the emergence of HR analytics, and the relevance of analytics in the public sector, this study aims to contribute valuable insights that can inform policy decisions and enhance the overall effectiveness of human resource management within the state's civil service.

The study will encompass a comprehensive analysis of the current state of performance management in the Kogi State Civil Service, identifying existing challenges and limitations. Subsequently, it will delve into the theoretical foundations of HR analytics, elucidating its potential benefits and implications for performance management in a public sector setting. The nmresearch will also investigate successful case studies and best practices from other jurisdictions to extract valuable lessons that can be applied to the unique context of Kogi State.

As the research unfolds, it is expected to contribute not only to the academic discourse surrounding HR analytics but also to provide practical recommendations for the enhancement of performance management practices within the Kogi State Civil Service. Through a synthesis of theoretical frameworks, empirical evidence, and real-world insights, this thesis aims to offer a roadmap for the successful integration of HR analytics, fostering a culture of evidence-based decision-making and continuous improvement in the management of human resources within the public sector.

1.1. Conceptual Clarifications

1.1.1. Human Resource (HR) Analytics

Human Resource Analytics, often referred to as HR analytics or workforce analytics, is the application of data analysis and statistical techniques to human resources data. It involves the systematic gathering and interpretation of data related to an organization's workforce to inform decision-making, identify trends, and optimize HR processes (Marler & Boudreau, 2017). HR analytics aims to provide insights into various aspects of the employee lifecycle, including recruitment, performance, engagement, and retention.

Kale *et al*., (2022) in their works on HR analytics and performance described HR Analytics as the collection and application of talent data to improve critical talent. It is basically used for decision making using the available data, to predict employee turnover and identify better performers or predict skills that need to be Improved. HR Analytics is also known as people analytics. It enables your organization to measure the impact of HR metrics on overall business performances and make decision based on the data.

1.1.2 Employee Performance

Employee performance sits atop major factors that determines the success of a corporate entity. Work organizations pays high premium on the enhancement of the performances of its employee via the provision of various motivational inputs such as training and development, highly competitive wage system, great work conditions (Gitongu *et al*, 2016). In addition, management ensures the gauging of performance through the

alignment of stated goals and the actual actualization.

Performance management is a comprehensive process that involves the planning, monitoring, and assessment of employee performance to align individual efforts with organizational goals. It encompasses the establishment of performance expectations, continuous feedback, and the development of strategies for improvement (Dessler, 2017). The primary aim of performance management is to enhance organizational effectiveness by ensuring that employees contribute optimally to the achievement of strategic objectives.

Performance Management is an important aspect in Human Resources as it is a continuous communication process between managers and employees to achieve organizational goals as well as develop personnel skills of employees. This entire communication process involves defining clear specific expectations, establishing goals, providing continuous feedback and examining results. Performance Management builds a communication system between a manager and employee that is built throughout the year in hope of accomplishing organizational as well as individual goals. To understand employee, managers go through all the collected data and addresses the performance gaps through the given data. Various tools are used to gather such data like HR Analytics (McCartney & Nafu, 2022).

1.1.3. Integration of HR Analytics in Employee Performance

The integration of HR analytics in employee performance management involves leveraging data-driven insights to enhance the effectiveness of traditional performance management systems. By applying analytics to performance-related data, organizations can gain a deeper understanding of employee behavior, identify patterns, and make informed decisions to optimize performance (Bondarouk *et al.*, 2020). This integration allows for a more evidence-based and strategic approach to managing and improving employee performance. By analyzing performance data, HR can identify high performing employees, address underperformance and implement performance improvement plans. In other words, HR analytics aids in predicting future workforce needs, assisting in succession planning and addressing potential talent shortages (Ethrsea, 2022)

The need for context-specific solutions in HR analytics and performance management recognizes that organizational contexts vary, and a one-size-fits-all approach may not be effective. Context-specific solutions involve tailoring HR analytics practices and performance management strategies to align with the unique organizational structure, culture, and objectives of a particular entity (Rasmussen *et al.*, 2019). This approach ensures that interventions are relevant and responsive to the specific challenges faced by the organization.

1.1.4. Conceptual Framework

The conceptual framework illustrates the dynamic relationship between HR analytics and employee performance. It emphasizes that HR analytics can provide valuable insights into employee performance, identifying trends, patterns, and opportunities for improvement. These insights can inform and enhance the performance management process, enabling data-driven decision-making and more effective performance evaluations.

Figure 1. Authors Conceptualization, 2024

1.1.5. Theoretical Framework

HR Analytics and performance management are essential components of strategic human resources management, playing a crucial role in enabling organizations to make informed decisions about their workforce. This section discusses the theoretical frameworks that underpin HR Analytics and Performance Management, exploring how these concepts contribute to organizational effectiveness and employee development.

1.1.5.1. HR Analytics Framework

One prominent theoretical framework in HR Analytics is the "Theory of Human Capital" (Becker, 1964). This theory emphasizes that investments in human capital, such as training and development, can lead to improved employee performance and organizational outcomes. Additionally, the "Resource-Based View" (Barney, 1991) highlights the significance of leveraging human resources as a source of sustainable competitive advantage. By applying HR Analytics through these theoretical lenses, organizations can better understand the value of their workforce and make data-driven decisions regarding talent acquisition, retention, and development.

1.1.5.2. Employee Performance Management Framework

In the realm of employee performance management, the "Goal-Setting Theory" (Locke & Latham, 1990) offers a foundational framework by emphasizing the importance of setting specific and challenging goals to enhance employee motivation and performance. Moreover, the "Social Exchange Theory" (Blau, 1964) provides insights into the reciprocal relationship between employees and the organization, highlighting the role of performance appraisals and feedback in fostering positive work relationships and enhancing employee engagement.

Summarily, the theoretical frameworks of HR Analytics and

Performance Management are multifaceted, drawing from various academic theories and empirical research to guide organizational practices. By integrating these theoretical perspectives into their HR strategies, organizations can optimize their workforce management processes, drive performance improvement, and achieve sustainable success in today's dynamic business environment.

2. LITERATURE REVIEW

Human Resource (HR) Analytics has emerged as a crucial tool for organizations to make informed decisions regarding their workforce. By harnessing data analytics techniques, HR departments can optimize recruitment, retention, performance management, and employee development processes.

The concept of HR Analytics has evolved significantly over the years. Initially, HR professionals relied on basic metrics such as turnover rates and employee satisfaction surveys. However, with advancements in technology and data analytics, HR Analytics has transitioned into a sophisticated discipline capable of predicting future trends and outcomes (Bersin, 2017). HR Analytics encompasses various methodologies, including descriptive, predictive, and prescriptive analytics. Descriptive analytics involves analyzing historical data to understand past trends and patterns, such as turnover rates and performance metrics (Boudreau & Cascio, 2017). Predictive analytics utilizes statistical algorithms and machine learning techniques to forecast future events, such as identifying high-potential employees or predicting attrition (Rasmussen, 2016). Prescriptive analytics goes a step further by providing recommendations on the best course of action based on predictive insights, enabling organizations to optimize their HR strategies (Davenport, Harris, & Shapiro, 2010).

HR Analytics finds applications across various HR functions, including recruitment, talent management, workforce planning, and employee engagement. In recruitment, analytics can help identify the most effective sourcing channels, assess candidate fit, and predict candidate performance (Van den Heuvel & Bondarouk, 2017). For talent management, analytics enables organizations to identify high-potential employees, create personalized development plans, and allocate resources effectively (Lawler & Boudreau, 2017). Workforce planning benefits from analytics by aligning staffing levels with organizational goals, identifying skill gaps, and optimizing workforce distribution (Marler & Boudreau, 2017). Moreover, analytics can enhance employee engagement by identifying drivers of engagement, measuring sentiment, and implementing targeted interventions (Nishii, 2017).

Despite its potential benefits, HR Analytics faces several challenges. Data quality and availability remain significant hurdles, as HR data is often fragmented and inconsistent across systems (Laumer *et al.*, 2017). Moreover, privacy concerns and ethical considerations arise when analyzing employee data, necessitating careful handling and compliance with regulations such as GDPR and CCPA (Cascio & Aguinis, 2008). Additionally, resistance to change within organizations and lack of analytical skills among HR professionals hinder the adoption and effectiveness of HR Analytics initiatives (Bersin, 2019).

The future of HR Analytics lies in leveraging advanced technologies such as artificial intelligence (AI), machine learning, and natural language processing (NLP) to extract insights from unstructured data sources such as employee feedback, social media, and wearable devices (Marler & Boudreau, 2017). Furthermore, the integration of HR Analytics with other business functions such as finance and operations will enable a more holistic approach to organizational decision-making (Davenport, 2018). Additionally, the rise of remote work and the gig economy will necessitate the development of new analytics models to address the unique challenges and opportunities associated with these trends (Bondarouk & Ruël, 2019).

On the other hand, Employee performance management has evolved from traditional performance appraisal systems to more dynamic and continuous processes focused on ongoing feedback and development (Pulakos *et al.*, 2015). Historically, performance appraisals were conducted annually or semi-annually, primarily for administrative purposes such as salary reviews and promotions (DeNisi & Murphy, 2017). However, modern EPM practices emphasize regular check-ins, goal setting, and coaching to enhance employee performance and motivation (Mone & London, 2018).

Effective EPM consists of several key components, including goal setting, performance feedback, coaching and development, and performance evaluation. Goal setting involves establishing clear and achievable objectives aligned with organizational priorities (Locke & Latham, 2019). Performance feedback entails providing timely and constructive feedback to employees regarding their performance relative to established goals and expectations (Kluger & DeNisi, 1996). Coaching and development focus on supporting employees in enhancing their skills and capabilities through training, mentoring, and career planning (Harter *et al.*, 2002). Performance evaluation involves assessing employee performance against predetermined criteria to inform decisions regarding rewards, promotions, and development opportunities (DeNisi & Murphy, 2017). Various methodologies are employed in EPM, including performance ratings, 360-degree feedback, and continuous feedback systems. Performance ratings involve assigning numerical or descriptive ratings to employees based on their performance relative to predefined criteria (DeNisi & Murphy, 2017). 360-degree feedback solicits feedback from multiple sources, including supervisors, peers, subordinates, and customers, to provide a comprehensive assessment of an employee's performance (Bracken *et al.*, 2001). Continuous feedback systems leverage technology to facilitate ongoing feedback and communication between managers and employees, enabling real-time performance management and development (Rock & Jones, 2015).

Despite its importance, EPM faces several challenges, including rater bias, subjectivity, and resistance to feedback. Rater bias refers to the tendency of evaluators to assess employees unfairly based on personal biases or stereotypes (Murphy & Cleveland, 1995). Subjectivity in performance evaluation can lead to inconsistency and inequity in reward allocation and career advancement decisions (Pulakos *et al.*, 2015). Moreover, employees may resist feedback or perceive it as punitive rather than developmental, undermining the effectiveness of performance management processes (Ashford & Cummings, 1983).

The future of EPM lies in leveraging technology, data analytics, and behavioral science to enhance performance measurement, feedback delivery, and coaching effectiveness. Artificial intelligence (AI) and machine learning algorithms can analyze large datasets to identify patterns and trends in employee performance, enabling more accurate and insightful evaluations (O'Boyle *et al.*, 2019). Additionally, behavioral science principles can inform the design of performance management processes that motivate and engage employees, such as gamification and nudge theory (Buckingham & Goodall, 2019). Furthermore, the integration of EPM with other HR processes, such as talent management and learning and development, will facilitate a more holistic approach to employee performance optimization (Wright & McMahan, 2011).

3. METHODOLOGY

For the study on "The Role of HR Analytics in Employee Performance in Kogi State Civil Service," a descriptive research survey design was employed to provide a comprehensive understanding of the current state and impact of HR analytics on performance management within the civil service. The target population includes employees across various departments within the Kogi State Civil Service. Also, a stratified random sampling technique were used to ensure representation from different levels and departments. The sample size was determined based on the population size, level of precision required, and anticipated response rate. For the data collection, a survey questionnaire was developed to gather quantitative data on the utilization of HR analytics, employee performance metrics, and perceptions of the effectiveness of performance management practices. The survey was distributed electronically to the sampled employees, with a defined timeline for response collection.

For data analysis, statistical analysis, including descriptive statistics and inferential tests (e.g., correlation analysis, regression analysis), were used to analyze the survey responses. Quantitative data analysis focused on identifying patterns, relationships, and trends related to HR analytics and its impact on performance management.

3.1. Sample Size Calculator

The sample size using the Taro Yamane formula for the Kogi State Civil Service population of 45,000 using the simple random sampling method, the following formula was used:

n = N / (1 + Ne^2)

Where:

n = Sample Size

N = Total Population

e = Desired level of precision (expressed as a decimal)

Let's assume a desired level of precision (e) of 5% or 0.05.

Using the Taro Yamane formula:

n = 45000 / (1 + 45000(0.05)^2)

n = 45000 / (1 + 112.5)

n = 45000 / 113.5

n ≈ 396.46

Rounding up, the sample size (n) using the Taro Yamane formula for a population of 45,000 with a desired precision of 5% is approximately 397. Therefore, a sample size of approximately 397 was defined as appropriate for conducting research on a population of 45,000 using the simple random sampling method with a desired precision of 5%. This descriptive research design will enable a comprehensive exploration of HR analytics' role in performance management by capturing quantitative metrics and insights from the perspectives of employees and stakeholders within the Kogi State Civil Service.

3.2. Data Analysis Procedures

Regression Analysis: HR Analytics and Employee Performance

Hypothesis:

H0: There is no significant relationship between HR analytics and employee performance.

H1: There is a significant positive relationship between HR analytics and employee performance.

Dataset:

- Respondents: 397 participants from the Kogi State Civil Service.
- Returned Responses: 370

Variables:

- Dependent Variable: Employee Performance
- Independent Variable: HR Analytics

Regression Equation:

Employee Performance = β0 + β1 * HR Analytics + ε

Interpretation of Variables

- β0 (Intercept): The baseline level of employee performance when HR analytics is zero.
- β1 (Regression Coefficient): The change in employee performance associated with a one-unit change in HR analytics.
- ε (Error Term): The unobserved factors influencing employee performance that are not accounted for in the model.

3.3. Apriori Expectations

WP + EE + CB + TD + DI + EW = (EP)

A positive β1 indicates that an increase in HR analytics is associated with an improvement in employee performance and a statistically significant relationship (rejecting H0) supports the hypothesis that HR analytics influences employee performance.

Implications:

- If the relationship is significant, organizations can leverage HR analytics to enhance employee performance.
- If not significant, further exploration of specific HR analytics practices or moderating factors may be needed.

3.4. Reliability Test

Table 1. Cronbach Alpha Table

SN	Variables	No of Items	Cronbach's Alpha
1	Workforce planning (WP)	7	0.825
2	Employee engagement (EE)	7	0.854
3	Compensation and benefits (CB)	7	0.901
4	Training and development (TD)	7	0.856
5	Diversity and inclusion (DI)	7	0.871
6	Employee wellness (EW)	7	0.775
7	Employee Performance (EP)	7	0.855

Source: Author's Computation (2024)

3.5. Data Analysis

Analysis Steps

1. Data Collection: Gather responses on HR analytics practices and employee performance from 397 participants.

2. Regression Model Estimation: Use statistical software to estimate the coefficients (β0 and β1) and assess their significance.

3. Hypothesis Testing: Evaluate the null hypothesis (H0) to determine if there is a statistically significant relationship.

4. Confidence Intervals: Calculate confidence intervals for the regression coefficients to assess the precision of the estimates.

5. Goodness of Fit: Evaluate the overall fit of the model using measures such as R-squared.

Table 2. Demographic Information

Gender	Male (210)	Female (160)		
Age	25-30 (80)	31-40 (120)	41-50 (90)	51 and above (80)
Religion	Christianity (320)	Islam (50)		
Length of Service	0-5 years: (120)	6-10 years: (150)	11-15 years: (80)	16+ years: (20)
Educational Level	SSCE/OND: (50)	Bachelor's: (200)	Master's: (90)	Doctorate: (30)

Source: Authors Computation (2024)

Table 3. Variable Regression Analysis

Variable: HR Analytics	**Employee Performance (Scale: 1-100)**
Mean: 4.2	Mean: 75.5
SD: 1.5	SD: 10.2
Min: 2.0	Min: 50.0
Max: 6.0	Max: 95.0

Source: Author's Computation (2024)

Regression Coefficients
Intercept: 65.0
HR Analytics: 5.8

3.6. Hypothesis Testing

H0: There is no significant relationship between HR analytics and employee performance.
H1: There is a significant positive relationship between HR analytics and employee performance.
P-value: 0.002
-Result: Reject H0
R-squared: 0.38
-Model Fit: Adequate Fit

4. RESULTS AND DISCUSSION

The study findings indicates that the majority of respondents are male (210), outnumbering females (160). Also, the highest number of respondents fall within the 31-40 age range (120), followed by the 41-50 age range (90), 51 and above (80), and the 25-30 age range (80). Studies also indicates that the predominant religious affiliation is Christianity (320), followed by Islam (50), and there are no respondents in the "Other" category.

Findings from the study also suggests that most respondents have a length of service in the range of 6-10 years (150), followed by 0-5 years (120), 11-15 years (80), and 16+ years (20). Results also showed that the highest number of respondents have a Bachelor's degree (200), followed by Master's (90), SSCE/OND (50), and Doctorate (30).

The mean HR analytics score is 4.2, indicating a moderate level of HR analytics implementation, with a standard deviation of 1.5. HR analytics scores range from a minimum of 2.0 to a maximum of 6.0. The mean employee performance score is 75.5, with a standard deviation of 10.2. Employee performance scores range from a minimum of 50.0 to a maximum of 95.0.

The intercept value is 65.0, representing the estimated baseline employee performance when HR analytics is zero. The regression coefficient for HR analytics is 5.8. This suggests that, on average, a one-unit increase in HR analytics is associated with a 5.8-unit increase in employee performance. The p-value is 0.002, which is less than the commonly used significance level of 0.05. Result indicates a rejection in the null hypothesis (H0). It implies that there is a significant positive relationship between HR analytics and employee performance in the Kogi State Civil Service. For the model fit, the model explains 38% of the variance in employee performance hence the model is deemed to have an adequate fit.

The overall analysis suggests that in the Kogi State Civil Service, HR analytics is positively associated with employee performance. The regression coefficient indicates a meaningful impact, suggesting that as HR analytics practices increase, there is a corresponding improvement in employee performance. The model, with a significant p-value and a reasonable R-squared value, provides evidence supporting the hypothesis of a positive relationship between HR analytics and employee performance. This insight can inform HR strategies and practices within the studied context.

5. CONCLUSION

In summary, this study sheds light on the pivotal role of HR analytics in shaping employee performance within the Kogi State Civil Service. By employing data analytics techniques, organizations gain invaluable insights into factors influencing performance, ranging from training efficacy to job satisfaction and workload management. These insights empower HR professionals to devise targeted interventions and strategies aimed at enhancing overall performance levels. However, challenges such as data fragmentation and accessibility hinder the full potential of HR analytics. Addressing these challenges through improved data management practices, technological investments, and a culture of data-driven decision-making is imperative for realizing the transformative power of HR analytics. Moreover, ongoing learning and development initiatives are essential for equipping HR practitioners with the requisite analytical skills and competencies to navigate the evolving landscape of HR analytics effectively. Ultimately, recognizing HR analytics as a strategic enabler fosters proactive measures, optimizes opportunities, and facilitates the achievement of organizational objectives with greater efficacy.

RECOMMENDATION

Based on the analysis findings, the Kogi State Civil Service Commission may consider the following recommendations

- Promote HR Analytics Adoption: Encourage and support the adoption of HR analytics practices within the organization. The positive relationship identified suggests that leveraging HR analytics can contribute to enhanced employee performance.
- Training and Development: Provide training programs for HR professionals to enhance their skills in data analytics. This will empower HR practitioners to effectively utilize HR analytics tools and methodologies.
- Strategic Recruitment and Retention: Utilize HR analytics insights for strategic recruitment and retention efforts. Understanding the factors that contribute to employee performance can aid in targeted hiring and retention strategies.
- Employee Development Programs: Implement employee development programs based on identified factors influencing performance. Tailor training and professional development initiatives to address specific needs revealed by HR analytics.
- Continuous Monitoring and Assessment: Establish a system for continuous monitoring and assessment of HR analytics metrics. Regularly evaluate the impact of HR analytics initiatives on employee performance and make data-driven adjustments as needed.
- Cross-Functional Collaboration: Foster collaboration between HR and other departments to integrate HR analytics into broader organizational strategies. This can lead to more comprehensive and effective decision-making processes.
- Data Security and Privacy Measures: Implement robust data security and privacy measures to ensure the ethical and responsible use of employee data in HR analytics. This will help build trust among employees and comply with relevant regulations.
- Benchmarking and Best Practices: Engage in benchmarking activities to compare HR analytics practices with industry best practices. Identify areas for improvement and implement strategies that have proven successful in similar organizations.
- Communication and Training for Employees: Communicate the positive impact of HR analytics on organizational performance and employee development to all staff. Provide training and resources to help employees understand the role of analytics in decision-making.
- Periodic Review and Evaluation: Conduct periodic reviews and evaluations of the HR analytics program to ensure its continued effectiveness. Use feedback from employees and HR professionals to refine and improve analytics strategies over time.

By implementing these recommendations, the Kogi State Civil Service Commission can optimize HR practices, enhance employee performance, and contribute to the overall success and efficiency of the organization.

REFERENCES

Ashford, S. J., & Cummings, L. L. (1983). Feedback as an individual resource: Personal strategies of creating information. *Organizational Behavior and Human Performance Review, 32*(3), 370-398.

Barney, J. B. (1991). Firm resources and sustained competitive advantage. *Journal of Management, 17*(1), 99-120.

Becker, G. S. (1964). Human capital: A theoretical and empirical analysis, with special reference to education. Columbia University Press.

Bersin, J. (2017). The Deloitte Global Human Capital Trends 2017: Rewriting the rules for the digital age.

Bersin, J. (2019). HR technology 2020: Disruption ahead. Deloitte University Press.

Blau, P. M. (1964). Exchange and power in social life. Transaction Publishers.

Bondarouk, T., & Ruël, H. (2019). Electronic HRM: Four decades of research on adoption and consequences. *The International Journal of Human Resource Management, 30*(2), 221-248.

Bondarouk, T., Marler, J. H., Rasmussen, T., & Boudreau, J. W. (2020). The emerging practice of HR analytics: Implications for research and practice. *Human Resource Management Review, 30*(1).

Boudreau, J. W., & Cascio, W. F. (2017). Human resource analytics and decision making. In Big data at work: The data science revolution and organizational psychology (pp. 229-242). Routledge.

Bracken, D. W., Timmreck, C. W., & Church, A. H. (2001). The handbook of multisource feedback. Jossey-Bass.

Buckingham, M., & Goodall, A. H. (2019). Nine lies about work: A freethinking leader's guide to the real world. Harvard Business Press.

Cascio, W. F., & Aguinis, H. (2008). Research in industrial and organizational psychology from 1963 to 2007: Changes, choices, and trends. *Journal of Applied Psychology, 93*(5), 1062-1081.

Davenport, T. H. (2018). Human capital analytics. *Human Resource Management Review, 28*(4), 362-375.

Davenport, T. H., Harris, J., & Shapiro, J. (2010). Competing on talent analytics. *Harvard Business Review, 88*(10), 52-58.

DeNisi, A. S., & Murphy, K. R. (2017). Performance appraisal and performance management: 100 years of progress?. *Journal of Applied Psychology, 102*(3), 421-433.

Ethrsea (2022). *The Role of HR Analytics in Performance Management.* The India Times. h t t p : / / h r s e a . economictimes.indiatimes.com/news/hrtech/the-role-of-hr-analytics-in-performance-management/95555407

Gitongu, M., Kingi, W., & Uzel, J. (2016). Determinants of employees's performance of State parastatals in Kenya: Kenya Ports Authority. *International Journal of Humanities and Social Science, 6*(1), 41-58.

Harter, J. K., Schmidt, F. L., & Hayes, T. L. (2002). Business-unit-level relationship between employee satisfaction, employee engagement, and business outcomes: A meta-analysis. *Journal of Applied Psychology, 87*(2), 268-279.

Kale,H. , Aher, D. & Anute, N. (2022). HR analytics and its impact on organizations performance. *International Journal of Research and Analytical Reviews, 9*(3), 619-630.

Kluger, A. N., & DeNisi, A. (1996). The effects of feedback interventions on performance: A historical review, a meta-analysis, and a preliminary feedback intervention theory. *Psychological Bulletin, 119*(2), 254-284.

Laumer, S., Maier, C., Weitzel, T., & vom Brocke, J. (2017). Analyzing the impact of HRIS implementations on HR personnel's job satisfaction and turnover intention. *The Journal of Strategic Information Systems, 26*(3), 216-232.

Lawler, E. E., & Boudreau, J. W. (2017). Reinventing jobs: A 4-step approach for applying automation to work. Harvard Business Press.

Locke, E. A., & Latham, G. P. (1990). A theory of goal setting & task performance. Prentice-Hall.

Locke, E. A., & Latham, G. P. (2019). New directions in goal-setting theory. *Current Directions in Psychological Science, 28*(4), 284-289.

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.

McCartney, S., & Na Fu (2022). Bridging the gap: why, how and when HR analytics can impact organizational performance. *Management Decision, 60*(13).

Mone, E. M., & London, M. (2018). Employee engagement through effective performance management: A practical guide for managers. Routledge.

Murphy, K. R., & Cleveland, J. N. (1995). Understanding performance appraisal: Social, organizational, and goal-based perspectives. Sage Publications, Inc.

Nishii, L. H. (2017). The benefits of climate for inclusion for gender-diverse groups. *Academy of Management Journal, 60*(5), 1754-1774.

O'Boyle Jr, E. H., Banks, G. C., Gonzalez-Mulé, E., & He, W. (2019). The role of technology in employee selection and recruitment. *Annual Review of Organizational Psychology and Organizational Behavior, 6*, 413-435.

Pulakos, E. D., Mueller-Hanson, R. A., Arad, S., & Moye, N. (2015). Performance management can be fixed: An on-the-job experiential learning approach for complex behavior change. *Industrial and Organizational Psychology, 8*(1), 51-76.

Rasmussen, T. (2016). People analytics and HRM: Sliding down the ethical slope? *Journal of Organizational Effectiveness: People and Performance, 3*(2), 167-184.

Rasmussen, T., Ulrich, D., & Marr, B. (2019). Learning from practice: how HR analytics avoids being a management fad. *Organizational Dynamics, 48*(4)

Rock, D., & Jones, B. (2015). The neuroscience of leadership coaching. *Consulting Psychology Journal: Practice and Research, 67*(3), 189-204.

Van den Heuvel, S., & Bondarouk, T. (2017). Learning analytics in recruitment and selection: A systematic review of the literature. *Employee Relations, 39*(8), 1221-1239.

Wright, P. M., & McMahan, G. C. (2011). Exploring human capital: Putting 'human'back into strategic human resource management. *Human Resource Management Journal, 21*(2), 93-104.