The Effect of Integrity and Professionalism on Employee Performance in Digital Era

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Abstract. In this digital era, organizations are required to have employees who have quality performance. In this study employee performance is influenced by employee integrity and professionalism. The purpose of this study was to determine the effect of integrity and professionalism on employee performance in the digital era. This study uses a quantitative approach. This study was conducted in the Bungo Regency Regional Secretariat Office, Jambi Province. The study population was all employees at the Bungo Regency Regional Secretariat Office, Jambi Province. The research sample of 104 respondents was calculated using the Slovin formula. Data in this study were analyzed with regression test formula. The results showed that there was a positive and significant effect between integrity and professionalism in improving employee performance in the digital era at the Bungo Regency Regional Secretariat Office, Jambi Province.

Keywords: Integrity, employee performance, digital era.

1 Introduction

The development of information and communication technology flows in the current digital era certainly has an impact on various aspects of life, especially aspects of government. The more rapid development of all-digital technology, in general, creates a new lifestyle for humans that cannot be separated from various electronic devices. And brought many changes in human life, especially in terms of service. The digital era can be interpreted as a situation in which the use of digital-based information and communication devices (internet). The digital era is a condition where everyone can access various information on the network. The digital era was born from the rapid development of globalization, so that the digital era can penetrate various parts of the world starting from government activities, social economy and education. With the entry of the digital era in government, it will make it easier for someone to access various conditions that they want to know, ranging from activities carried out in government agencies to various information about these institutions. In addition, in today's digital era, people really need fast and quality services to achieve the welfare of the community. To realize social welfare, it is necessary to have quality employee performance in providing services. In this digital era, employees need to improve their performance to be better and more professional.

According to Mangkunegara, performance is the quality and quantity of an employee's work in completing a job according to his responsibilities and procedures [1]. Sinambela explained that performance is an employee's ability to do something with certain skills [2]. Then, Edison, et al. Also explained that performance is the result of a process which refers and is measured over a certain period of time based on predetermined terms or agreements [3]. The
indicators used to measure employee performance according to Pratiwi are self-development, integrity, trust, professionalism, teamwork and attendance [4]. Based on the observations made, the authors found several conditions that describe the low performance of employees at the Regional Secretariat Office of Bungo Regency, Jambi Province, including: 1) There are still employees who arrive late from predetermined working hours, 2) During working hours there is only one employee who providing services to the community, 3) The administrative process tends to be long and has to wait, and 4) The level of mastery in the field of work of employees is still not optimal. So that in this study the authors only take two factors that affect employee performance and need to be developed, namely integrity and professionalism in the Regional Secretariat office of Bungo Regency, Jambi Province.

According to Salwa, et al. [5] someone with integrity is someone who has a good mindset and behavior, in accordance with applicable norms. Furthermore, according to Mulyadi, integrity is a quality that underlies public trust and is a benchmark for employees in examining all decisions they make [6]. A person's integrity is related to always prioritizing responsibility, trust, and loyalty to promises. Thus, there are several conditions that can show employee integrity has decreased, such as: there is still nepotism in the administrative process, and there are still employees who do not have skills at work. Integrity is needed so that employees work calmly and agile in serving the community.

Furthermore, professionalism also has an influence on employee performance. According to Gani, professionalism is the act of an employee who is consistent, assertive and disciplined and shows that employees who are professionalism are very good and important for improving performance [7]. In addition, according to Kristin and Arja Sadjjadiarto, professionalism is the ability and skills of a person to carry out tasks in accordance with their fields and procedures at their respective levels in a timely and accurate manner [8]. Thus, there are several conditions that can determine that employee professionalism is less than optimal, such as: there are still employees who procrastinate work, there are still employees who do other work during working hours and there are still employees who do not understand the procedures at work. Employee performance will increase, if an employee is able to work with high professionalism [9].

1.1 Literature Review

1.1.1 Employee Performance

According to Sinambela, explaining a person's performance is formed from the ability and knowledge he has in completing the given tasks [2]. Thus, Russel argues that performance is based on employee expertise, work effort and job opportunities that can be measured and assessed from the work of employees [10]. According to Pratiwi, there are several indicators to measure employee performance which include: self-development, integrity, trust, professionalism, teamwork, and attendance [4]. Then according to Mathis, et al. [11] mentioned the factors that influence employee performance, including: 1) Employee capability; basically a capacity / measure of individual expertise in doing various tasks in a job, 2) Motivation; is a condition for moving employees who are torn to achieve organizational goals, 3) Support obtained from various parties, 4) Existence of work being carried out, and 5) Coordination between employees and the organization.
1.1.2 **Integrity**

Integrity is a form of responsibility for what has been done and what has been produced and must be in accordance with the correct principles, norms and a firm standpoint in every situation without coercion from any party [12]. Meanwhile, according to Syamsir, et al. [13] integrity is the harmony between what a person says and does. Then Lestari and Ni Luh S stated that integrity requires someone to be honest, transparent, brave, wise, and responsible [14]. Integrity requires members to adhere to both form and spirit of technical and ethical standards [15].

The factors forming the integrity of a practitioner or employee according to Harmaily are 1) being honest, 2) being strong, 3) having strong self-control, and 4) having high self-esteem [16]. In addition, according to Tarigan, integrity has principles that every practitioner must have, namely 1) firm, 2) honest, and 3) fair [17]. According to Zainuri, et al. [18] integrity can be measured by several dimensions as follows: honesty, consistency and courage. In addition, according to Zahra, there are several indicators of integrity as follows: honesty, trustworthiness, commitment and consistency [12].

**Integrity Relationship with Employee Performance**

Integrity is also related to performance, an achievement of good results achieved by always upholding honesty and other moral values. The word integrity comes from the root word "integrated", which means that various parts of character and skills play an active role in us, which can be seen from our decisions and actions [19]. To be able to produce good performance in the workplace, a person must have within himself must be honest, courageous, fighting, build good relationships, good at organizing oneself, organized and well planned. The form of self-integrity ownership appears in the form of good performance or results. The integrity possessed by employees will be shown in the quality work results. This is consistent with the results of research by Salwa et al. [5] that employee integrity and employee performance have a good and positive relationship and influence. Then, in line with the results of Harmaily's research which explains that employee performance is significantly influenced by integrity [16].

1.2 **Professionalism**

In addition, according to Kristin and Arja Sadjiarto, professionalism is an employee who has the ability and skills as well as expertise in carrying out tasks in accordance with the fields and procedures that have been determined according to time and carefully [8]. In addition, according to Oerip and Uetomo professionalism is the behavior, methods and qualities that characterize a profession [20]. Furthermore, according to Kurniawan, professionalism is related to the suitability of the abilities possessed by the bureaucracy with the needs of the task, a requirement for the formation of professional apparatus resources is fulfilled because of the match between abilities and task needs [21]. Then, according to Kristin and Arja Sadjiarto [8] and Siagian [22], there are several indicators of professionalism, namely: Ability; Quality; Facilities and infrastructure; Number of human resources; Information Technology; Expertise / reliability; ability, quality; facilities and infrastructure; number of apparatus resources; information technology and reliability.
Professionalism Relationship with Employee Performance

An individual who holds a certain position or position is required to have high professionalism so that the implementation of his job can run effectively. Professionalism is an attitude of responsibility that grows independently that a person has in completing a job based on his abilities and expertise and is based on his knowledge and skills [23]. This is in line with the opinion of Sitorus and Lenny Wijaya which states that professionalism has a significant effect on employee performance [24]. In addition, the research results of Putri and I.D.G Dharma Suputra stated that professionalism has a positive effect on employee performance [25].

Conceptual Framework

Fig 1. Conceptual Framework Model

Hypothesis

The hypotheses in this study are as follows:
H1 There is an effect of integrity on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province.
H2 There is an influence of professionalism on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province.
H3 There is an effect of integrity and professionalism on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province.

2 Methodology

This study aims to determine the effect of integrity and professionalism on employee performance in digital era in the Bungo Regency Regional Secretariat Office, both partially and simultaneously. This study uses a quantitative approach. Quantitative research is a research method that is based on the philosophy of positivism, used to examine a particular population or sample, data collection using research instruments, statistical data analysis, to test a predetermined hypothesis [26]. This research was conducted at the Regional Secretariat Office of Bungo Regency, Jambi Province. The study population was all employees at the Bungo Regency Regional Secretariat Office. The number of employees of the Bungo Regency Regional Secretariat Office is 140 people. The sample in this study was determined through the
Slovin formula. The number of samples in this study were 104 respondents. The data in this study were analyzed with the regression test formula. Whereas the statistical method of data processing is done with the help of the SPSS Statistics version 25 for windows program.

3 Finding and Discussion

3.1 Classic assumption test

3.1.1 Normality Test

Testing for normality uses the Kolomorov Smirnov technique, with the criteria used is if X2count is smaller than X2table then the hypothesis is accepted and the population is normally distributed.

Table 1. Summary of Normality Test Analysis (n = 104)

<table>
<thead>
<tr>
<th>Variable</th>
<th>X2count</th>
<th>Sign.</th>
<th>Conclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrity (X1)</td>
<td>25,34</td>
<td>0,200</td>
<td>Normal</td>
</tr>
<tr>
<td>Professionalism (X2)</td>
<td>10,96</td>
<td>0,089</td>
<td>Normal</td>
</tr>
<tr>
<td>Employee Performance (Y)</td>
<td>25,34</td>
<td>0,200</td>
<td>Normal</td>
</tr>
</tbody>
</table>

Based on the results of the normality test above, it can be seen that the variable data integrity (X1) and professionalism (X2) on employee performance (Y) in the digital era is accepted, and it means that the research data is normally distributed so that it can be continued to the next analysis stage.

3.1.2 Linearity Test

The criteria for linearity testing is if the results of the Fcount analysis are less than Ftable, and the results of the research study are at the 0.05 significance level, then the research data is stated to follow a linear regression model.

Table 2. Summary of Linearity Testing Analysis

<table>
<thead>
<tr>
<th>Type Count</th>
<th>Fcount value</th>
<th>Ftable Value</th>
<th>Conclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrity (X1) on Employee Performance (Y)</td>
<td>0,813</td>
<td>1,75</td>
<td>Linear</td>
</tr>
<tr>
<td>Professionalism (X2) on Employee Performance (Y)</td>
<td>1,508</td>
<td>1,86</td>
<td>Linear</td>
</tr>
</tbody>
</table>

The conclusion from the results of the linearity test above is that the value of Fcount is smaller than Fcount, it can be explained that there is a linear relationship between the variables in this study. So that the data is said to meet the requirements to proceed to the next analysis stage.
3.2 Multiple Regression Analysis

Multiple regression analysis was performed to determine the linear relationship between the independent and dependent variables [27]. The results of research analysis on the influence of integrity and professionalism on employee performance in the digital era at the Regional Secretariat of Bungo Regency, Jambi Province using quantitative methods. Quantitative analysis is used to prove the hypothesis proposed by using multiple regression analysis models. This proof is intended to test the variation of a regression model used in explaining the independent variables (X1 and X2) to the dependent variable (Y) by testing the similarity of the regression coefficients. Based on calculations with the help of the SPSS version 25 for windows program, the following results are obtained:

<table>
<thead>
<tr>
<th>Model</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>t</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Constant)</td>
<td>15.595</td>
<td>7.353</td>
<td>2.121</td>
<td>.036</td>
</tr>
<tr>
<td>Integrity</td>
<td>.437</td>
<td>.100</td>
<td>.384</td>
<td>4.386</td>
</tr>
<tr>
<td>Professionalism</td>
<td>.379</td>
<td>.118</td>
<td>.282</td>
<td>3.225</td>
</tr>
</tbody>
</table>

Dependent Variable: Employee Performance

Based on the data processing shown in the table above, the output of the second column part B (Unstandardized Coefficients), obtained a multiple linear regression equation, namely:

\[
Y = \alpha + b_1x_1 + b_2x_2 + \varepsilon
\]  

(1)

\[
Y = 15.595 + 0.437 + 0.379 + \varepsilon
\]  

(2)

Note:
Y = employee performance
\(\alpha\) = a constant
\(b_1\) = regression coefficient for x1
\(b_2\) = regression coefficient for x2
\(x_1\) = variable integrity
\(x_2\) = variable professionalism
\(\varepsilon\) = standard error

1. The constant value (\(\alpha\)) is 15.595, indicating that if the variables of integrity and professionalism are considered constant, the employee performance variable level (Y) is 15.595.
2. The regression coefficient for the integrity variable is 0.437, indicating that the integrity variable increases, so the employee performance will increase by 43.7%. In other words, every increase in employee performance requires a variable integrity of 0.437.
3. The regression coefficient for the professionalism variable is 0.379 indicating that the increased professionalism variable means that employee performance will increase by 37.9%. In other words, every increase in employee performance requires a professionalism variable of 0.379.

3.3 Hypothesis Test

3.3.1 Partial Test (t test)

The t test is to test the effect of independent variables partially or individually on the dependent variable [28]. Based on the following table, it shows that the t value of the integrity variable is 4.386, and the t value of the professionalism variable is 3.225. The integrity variable has a value of tcount > ttable, namely 4.386 > 1.659 and a significance level value of 0.000 < 0.05. So it can be concluded that the variable integrity (X1) has a positive and significant effect on employee performance (Y) in the digital era.

The professionalism variable has a value of tcount > ttable, namely 3.225 > 1.659 and a significance level value of 0.002 < 0.05. So it can be concluded that the professionalism variable (X2) has a positive and significant effect on employee performance (Y) in the digital era.

<table>
<thead>
<tr>
<th>Model</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>t</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>B</td>
<td>Std. Error</td>
<td>Beta</td>
<td></td>
</tr>
<tr>
<td>1 (Constant)</td>
<td>15.595</td>
<td>7.353</td>
<td>2.121</td>
<td>.036</td>
</tr>
<tr>
<td>Integrity</td>
<td>.437</td>
<td>.100</td>
<td>.384</td>
<td>4.386</td>
</tr>
<tr>
<td>Professionalism</td>
<td>.379</td>
<td>.118</td>
<td>.282</td>
<td>3.225</td>
</tr>
</tbody>
</table>

Dependent Variable: Employee Performance

3.3.2 Simultaneous Test (f test)

The f test is to determine whether the independent variable simultaneously affects the dependent variable. In the following table, it can be seen that the significance value of 0.000 is smaller than α = 0.05, and fcount is 20.672. Thus, fcount 20.672 > ftable 3.09, meaning that simultaneously the integrity and professionalism variables as independent variables (X) have a positive and significant effect on employee performance variable as the dependent variable (Y) at the Regional Secretariat Office of Bungo Regency, Jambi Province.

<table>
<thead>
<tr>
<th>Model</th>
<th>Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Regression</td>
<td>724.100</td>
<td>2</td>
<td>362.050</td>
<td>20.672</td>
<td>.000</td>
</tr>
<tr>
<td>Residual</td>
<td>1768.890</td>
<td>101</td>
<td>17.514</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2492.990</td>
<td>103</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. Dependent Variable: Employee Performance
b. Predictors: (Constant), Integrity, Professionalism
3.4 The coefficient of determination (R2)

The coefficient of determination serves to determine the proportion or contribution of the influence of the independent variable on the dependent variable as a whole [29]. So that it can be determined by testing the multiple coefficient of determination (R2) which is shown in Table below.

<table>
<thead>
<tr>
<th>Model</th>
<th>R</th>
<th>R Square</th>
<th>Adjusted R Square</th>
<th>Std. Error of the Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>.539*</td>
<td>.290</td>
<td>.276</td>
<td>4.185</td>
</tr>
</tbody>
</table>

Based on the results of the table above with the help of the SPSS Version 25 program, it can be seen that the relationship or correlation between integrity (X1) and professionalism (X2) on employee performance (Y) in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province, can be seen through correlation coefficient. The result of the correlation coefficient or R is 0.539, while the result of the coefficient of determination (R2) is 0.290, this shows that the relationship between integrity (X1) and professionalism (X2) on employee performance (Y) in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province has a relationship of 29.0%. It can also be seen that the result of the coefficient of determination or R square is 0.290 which shows that 29.0% of employee performance is influenced by integrity and professionalism while the remaining 71.0% is influenced by other variables that are not included or not discussed in this study.

3.5 Discussion

3.5.2 The Effect of Integrity on Employee Performance in the Digital Era

Based on the results of the calculation of the analysis of the effect of integrity on employee performance in the digital era, it was obtained 0.437, meaning that integrity has a direct effect on employee performance by 43.7%. This means that the higher the integrity, the higher the employee's performance, conversely, the lower the integrity, the lower the employee's performance. Furthermore, based on analysis partially and simultaneously integrity has a positive and significant effect on employee performance in the digital era at the Regional Secretariat of Bungo Regency, Jambi Province. These findings are consistent with the results of research by Salwa et al. [5] which revealed that integrity has a significant effect on employee performance. Then also in accordance with the research results of Hendrawan and Budhiarta which state that integrity has a positive effect on employee performance [30]. In addition, it is in line with the results of Rosmi and Syamsir's research which shows that integrity has a significant effect in improving employee performance either partially or simultaneously [31].

The results of this study are also supported by the results of Yulianti and Wuryanti's research which show that integrity has a positive effect on employee performance [32]. Integrity is a quality that underlies public trust and is a benchmark for institutions / organizations to test all their decisions. Integrity requires an employee to be honest and transparent, brave, wise and
responsible in carrying out their duties. Furthermore, the research results of Dwi Sumartono Agung Kurniawan, et al. Show that integrity affects employee performance [33]. Furthermore, Dwi Anjani Prameswari's research shows that integrity has a significant effect on employee performance [34]. The research results of Esti et al. Also show that integrity has a positive and significant effect on employee performance [35]. Furthermore, the results of this study are also supported by the research results of Komang Gunayanti Ariani and I Dewa Nyoman Badera which show that integrity has a positive and significant effect on employee performance [36]. Having employees with integrity will create a culture of integrity as well, and this culture will in turn create a valuable environment, so that they can focus more on a better long-term situation [37].

3.5.2 The Effect of Professionalism on Employee Performance in the Digital Era

Based on the calculation of the analysis, there is a direct influence between professionalism and employee performance of 0.379, meaning that professionalism has a direct influence of 37.9% in improving employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province. The results of this study are in line with what was expressed by Cahyani that the presence of a professional attitude will make a person behave and behave well and can improve employee performance [38]. This finding is also in line with the results of research by Bolung et al. [39] revealed that there is a significant effect of professionalism on employee performance. Furthermore, it is also in accordance with the research results of Sitorus and Lenny Wijaya which states that there is a significant effect of professionalism on employee performance [24].

In addition, it is also supported by the results of research by Putri and Dharma Suputtra which states that professionalism has a positive effect on employee performance [25]. Furthermore, Wibowo stated that professionalism is the ability and expertise of a person to do and complete a job or task which is based on skills and knowledge and is supported by a work attitude in accordance with the rules [23]. Thus, the level of employee performance is very much determined by the level of professionalism. High professionalism will be able to improve employee performance. Professionalism also requires employees to complete tasks with maximum results so that the predetermined quality and quality are achieved. A high level of competence needs to be owned by employees in doing work, so that employees are able to minimize errors in completing work. An employee who has professionalism, they do not give up easily in doing work and always obey the established procedures.

3.5.3 The Effect of Integrity and Professionalism on Employee Performance in the Digital Era

Based on the results of the calculation of the analysis of the effect of integrity and professionalism together on employee performance in the digital era, it was obtained 0.290, which means that integrity and professionalism have a direct effect on employee performance in the digital era by 29.0%. So that the higher the integrity and professionalism of employees, the higher the employee's performance, conversely, the lower the integrity and professionalism of employees, the lower the employee's performance. Based on the results of the analysis above, it can be seen that employee performance in the digital era will be better and more qualified if employees have integrity and work professionally. Therefore, employees are required to have integrity and be professional in providing services to the community. Thus, the public will feel satisfied with the services provided by the government and will improve employee performance.
and community welfare. This finding is in accordance with the results of research by Dwi Sumartono Agung Kurniawan, et al, which states that integrity and professionalism have a positive and significant effect on employee performance [33].

Furthermore, employee performance can increase if it is supported by the organization, there is good relationship between employees, between employees and leaders and maintains peace and security in the workspace, so that this situation is expected to improve employee performance. Integrity and professionalism are very important factors in an institution or organization. Employees who have integrity and professionalism will show their abilities and expertise, attitude and discipline, interest and enthusiasm. Therefore, employees are required to have integrity and professional skills in carrying out their duties so that their performance will increase. Thus it can be seen that integrity and professionalism have a positive and significant effect on improving employee performance in the digital era at the Regional Secretariat of Bungo Regency, Jambi Province. This is in line with the research results of Nadya MS and Syamsir [40]; Muh. Ridewan [9] who stated that integrity and professionalism have a positive and significant effect on employee performance.

5 Conclusion

This study explains that there is a positive and significant effect of integrity and professionalism on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province. Based on the results of the classical assumption test, namely the normality test with the Kalmogorov Smirnov test, it was found that the distribution of research data was normally distributed, based on the results of the linearity test of the integrity and professionalism variables, which had a linear relationship with employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province. In addition, based on the results of the partial significance test (t test) the variables of integrity and professionalism have a positive and significant effect on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province. Furthermore, based on the simultaneous significance test (f test) integrity and professionalism have a positive and significant effect on employee performance in the digital era at the Regional Secretariat Office of Bungo Regency, Jambi Province.

Acknowledgments. Alhamdulillahirabbil'alamin, the author expresses his utmost gratitude to Allah subhanahu wa ta'ala for the blessings, love, opportunity, health, and grace for completing this article. This article is entitled "The Effect of Integrity and Professionalism on Employee Performance in the Digital Age". In preparing this article, many parties have provided motivation, advice, and support for the author. In this precious opportunity, the author intends to express his gratitude and appreciation to all of them. First, the author's deepest appreciation goes to his beloved parents, for their endless love, prayers, and support. This paper will not be completed without the help, support and patience of my supervisor for his supervision, advice, and guidance since the early stages of this research. Finally, I would like to thank everyone who played an important role in the successful realization of this article. This paper is far from perfect, but it is hoped that it will be useful not only for the writer, but also for the readers. Therefore, suggestions and constructive criticism are very welcome.
References

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