Assessing The Effectiveness Of Mentorship Programs In Supporting The Professional Development And Retention Of Healthcare Administrators

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Abstract: The role of a healthcare administrator is crucial in ensuring the efficient operation of healthcare organizations. With the ever-evolving and complex healthcare system, it is vital to have effective mentorship programs in place to support the professional development and retention of healthcare administrators. This paper aims to assess the effectiveness of mentorship programs in achieving these goals. Mentorship programs involve the pairing of a less experienced healthcare administrator with a more senior and experienced one. The mentor provides guidance, support, and advice to the mentee to help them develop and grow in their role. This model has been widely adopted in various industries, including healthcare, to promote professional growth and retention. A critical factor in assessing the effectiveness of mentorship programs is the mentee's perception of the mentor's support and guidance. Studies have shown that mentees who receive high levels of support and quality feedback from their mentors have higher job satisfaction and retention rates. These programs also provide networking opportunities, allowing mentees to gain exposure to different areas of the organization and build valuable relationships. These programs can also enhance leadership skills in healthcare administrators. By observing and learning from experienced mentors, mentees can develop essential skills such as communication, problem-solving, and decision-making. It can lead to improved job performance and career advancement opportunities. It has a significant impact on the professional development and retention of healthcare administrators. By providing support, guidance, and opportunities for growth, these programs can foster a positive work environment and contribute to the overall success of healthcare organizations.

Index Terms – Healthcare, Administrator, Operations, Mentorship, Guidance, Support, Critical Factor

Introduction

In today's rapidly evolving healthcare landscape, the role of healthcare administrators has become increasingly crucial. As leaders within healthcare organizations, they are responsible for managing the operations, finances, and quality of patient care. However, the demanding nature of the job and the constant changes in the healthcare industry can lead to high turnover rates among healthcare administrators, which can be detrimental to the success of an organization. To combat this issue, many healthcare organizations have implemented mentorship programs as a means of professional development and retention for their administrators. In this guide, we will provide an in-depth technical introduction to mentorship programs in the professional development and retention of healthcare administrators. Mentorship is a professional relationship between a more experienced, knowledgeable individual (mentor) and a less experienced, aspiring individual (mentee). The mentor provides guidance, support, and knowledge-sharing to the mentee, helping them develop their skills and career objectives. In the context of healthcare administration, a mentor can be a senior leader within the organization or an external professional with relevant experience and expertise.
1.1. Role of Mentorship in Professional Development:

Professional development is critical for healthcare administrators as it enables them to enhance their knowledge, skills, and abilities and be better equipped to handle the challenges of their roles. Mentorship programs play a crucial role in the professional development of healthcare administrators in several ways. The mentors provide personalized guidance and support to mentees, helping them identify their strengths, weaknesses, and areas for improvement. This individualized approach allows for tailored development plans that address the specific needs of the mentee. The mentors share their knowledge and expertise through informal discussions, job shadowing, and constructive feedback. This not only helps the mentee develop new skills but also gains valuable insights and perspectives from someone with more significant experience in the field. It can also provide networking opportunities for mentees, connecting them with other professionals in the healthcare industry. This can open up new doors for career growth and progression, as well as help mentees build relationships within the industry.

1.2. Role of Mentorship in Retention:

High turnover rates among healthcare administrators can be a significant challenge for organizations, both in terms of cost and disruption. To tackle this issue, many healthcare organizations have turned to mentorship programs as a retention strategy. Here's how mentorship can contribute to improving retention rates among healthcare administrators. The mentee-mentor relationship fosters a sense of belonging and support, making mentees feel valued and motivated to stay within the organization. This is particularly beneficial for new administrators who may feel overwhelmed or uncertain in their roles. The mentors can provide career guidance and support mentees in setting and achieving their career goals within the organization. This can give mentees a sense of direction and purpose, increasing their commitment and loyalty to the organization. It can also contribute to creating a positive organizational culture and promoting employee engagement. When senior leaders actively participate in mentoring, it demonstrates the organization's investment in the professional development of its employees, fostering a sense of pride and commitment.

1.3. Critical Components of a Successful Mentorship Program:

To be effective in the professional development and retention of healthcare administrators, mentorship programs should incorporate several key components. The program should have a clear and well-defined structure and objectives. This includes identifying the roles and responsibilities of both mentors and mentees, setting objectives for the relationship, and establishing a timeline for meetings and activities. It should also have a matching process to ensure that mentors and mentees are a good fit for each other. This can be based on factors such as professional interests, career goals, and personality traits. The program should provide guidelines and resources for mentors to support them in their role. This can include training on effective mentoring techniques and resources for mentors to use in their development sessions with mentees. Additionally, the program should have a system for evaluating and measuring the effectiveness of the mentorship program. This can be done through regular check-ins with mentees and mentors, collecting feedback, and tracking mentees' progress towards their objectives.

Mentorship programs can be a valuable tool for the professional development and retention of healthcare administrators. By providing personalized guidance and support, sharing knowledge and expertise, and promoting networking and career growth, mentorship can help healthcare administrators thrive in their roles and stay committed to their organizations. Healthcare organizations need to invest in mentorship programs to develop and retain their talented administrators and ensure the success of their organizations in the future.

I. RELATED WORKS

Meghna, G. V. R., et al. [13] have discussed there are various mentorship models, such as formal, informal, one-on-one, group, peer-mentoring, etc. Healthcare organizations need to carefully choose the most suitable mentorship model for their administrator's professional development. This decision requires a thorough understanding of the organization's culture, resources, and goals. Dirks J. L. et al. [14] have discussed that a mentorship program must have clear goals, guidelines, and structure to be successful. It needs to define the responsibilities of both the mentor and mentee, establish a timeline, and outline the expected outcomes. The program should have a system to measure and track progress to evaluate its effectiveness. Hawkins J. W. et al. [15] have discussed that suitable mentors should have relevant experience and expertise in the mentee's area of interest. The process of matching mentors and mentees should be carefully planned and should consider factors such as personalities, communication styles, and availability. A mismatched pairing can result in an unsuccessful mentorship experience. Ngqwala et al. [16] have discussed that in a healthcare setting,
mentors are likely to be more experienced and hold higher positions, creating a power imbalance with their mentees. This can affect the mentee's willingness to speak honestly and comfortably seek advice. It is critical to establish guidelines to ensure equity and fairness in the mentor-mentee relationship. H. A. et al. [17] have discussed that all experienced professionals are excellent mentors. It is vital to provide mentorship training that focuses on communication, coaching, and mentoring skills. This will help mentors effectively guide mentees and create a positive learning environment. K. K. et al. [18] have discussed that confidentiality and trust are essential for a successful mentorship program. Mentors must maintain boundaries and not misuse the mentee's personal or professional information shared during their mentoring relationship. This aspect should be clearly communicated and reinforced in the mentorship program. Kim H. J. et al. [19] have discussed how mentors and mentees may have busy schedules, making it challenging to find time to meet and work together. Addressing this issue by establishing a flexible schedule, providing digital communication tools, and setting clear expectations for regular meetings and check-ins is crucial. Ali-Khusein et al. [20] have discussed mentoring is not a one-size-fits-all approach, and different individuals may have diverse learning styles. Mentors need to understand the mentee's learning style and adapt their mentoring techniques accordingly to make the experience more beneficial and personalized. Gazaway, S. B., et al. [21] have discussed how technology can significantly enhance mentorship programs in the current digital age. Virtual mentoring platforms, webinars, and social media groups can provide valuable resources and facilitate communication between mentors and mentees, especially in situations where they are geographically separated. Greene M. T. et al. [22] have discussed that assessment and evaluation are crucial components of an effective mentorship program. Organizations need to collect feedback from both mentors and mentees to measure the program's success and identify areas of improvement for future programs. Thomka L. A. et al. [23] have discussed the crucial role of retaining mentors and mentees in the program. To ensure retention, organizations should provide ongoing support, recognition, and opportunities for personal and professional growth for both mentors and mentees. Lee, T. Y. et al. [24] have discussed mentorship programs’ need to promote diversity and inclusivity to ensure that all individuals, regardless of their race, gender, age, or background, have equal opportunities to participate in and benefit from the program. This can also promote diversity in the healthcare administration field. Schrubbe, K. F. et al. [25] have discussed that conflicts may arise between mentors and mentees due to differences in opinions, personalities, or expectations. Organizations should have a process in place to address and resolve conflicts in a timely and effective manner to maintain the success of the mentorship program. Friedman, D. B. et al. [26] have discussed mentorship programs should not end after a set period. Organizations should provide ongoing support for mentees as they continue to grow and develop in their careers. This can include providing access to resources, networking opportunities, and ongoing mentorship relationships for continued support. Hu, W. C., et al. [27] have discussed how mentorship should be incorporated into the organizational culture to promote learning and development. This can be achieved by recognizing and celebrating the contributions of mentors and mentees and creating a positive and supportive culture for mentorship to thrive.

II. PROPOSED MODEL

Mentorship programs have been proven to be effective in enhancing professional development and retention of employees in various industries. In the healthcare sector, mentorship programs have become increasingly popular as a strategy for developing and retaining healthcare administrators. This proposed model aims to provide a comprehensive guideline for the implementation of mentorship programs in healthcare organizations for the professional development and retention of healthcare administrators. The main objective of this model is to enhance the professional development and retention of healthcare administrators by providing them with the necessary support, guidance, and resources through a mentorship program.

A. Program Design and Structure:

The mentorship program will be designed and structured with a focus on the specific needs and goals of the healthcare administrators. The program will have a clear outline of the roles and responsibilities of both the mentors and mentees. The program structure will include regular meetings, feedback processes, and evaluation mechanisms to ensure its effectiveness. The mentorship program for healthcare administrators aims to support and develop professionals in the field of healthcare management. The program will provide a structured approach to mentorship, matching experienced healthcare administrators with junior professionals seeking guidance and advice. This program is designed to enhance the professional development and retention of healthcare administrators in their careers.
Identification of Mentors and Mentees: The program will begin by identifying potential mentors within the organization. These could be senior healthcare administrators with a proven track record of success in their roles. Similarly, mentees will be identified among the junior professionals seeking guidance and support in their careers.

Mentor-Mentee Matching: The matching process will take into consideration the needs and goals of the mentees and the expertise and experience of the mentors. This will ensure that the mentees are paired with the most suitable mentors who can provide them with relevant guidance and support.

Program Orientation: Prior to the formal mentorship relationship, both mentors and mentees will go through an orientation program. This will provide an overview of the program structure and guidelines, expectations, and responsibilities of both parties.

Goal Setting and Individual Development Plans: As an integral part of the mentorship program, mentors and mentees will work together to set SMART (specific, measurable, achievable, relevant, and time-bound) goals. These goals will be reviewed and updated throughout the program to track progress. Additionally, individual development plans will be created to identify the specific skills and competencies that mentees want to develop during the program.

Regular Meetings and Check-ins: Mentors and mentees will have regular one-on-one meetings to discuss progress, challenges, and opportunities for growth. These meetings can take place in person or virtually, depending on the availability and preferences of both parties. Check-ins will also be conducted to ensure that both mentors and mentees are meeting their commitments and are on track with their goals.

Professional Networking Opportunities: The mentorship program will also provide opportunities for mentees to expand their professional networks by participating in events and conferences with their mentors. This will help mentees gain exposure to the broader healthcare management community and potentially open doors for future career opportunities.

Mentorship Evaluations and Feedback: Regular evaluations and feedback will be conducted to assess the effectiveness of the mentorship program. This will include gathering feedback from both mentors and mentees to make any necessary improvements and ensure the program continues to meet the needs of its participants.

Program Completion and Follow-up: All mentees will receive a certificate of completion upon completing the program. Additionally, follow-up meetings will be scheduled with mentors and mentees to discuss their progress and continued professional growth.

The healthcare administrator mentorship program is designed to provide a structured and supportive environment for junior professionals to learn from experienced mentors. By focusing on individual development and goal-setting and providing networking opportunities, this program will assist in the professional development and retention of healthcare administrators in their careers. Regular evaluations and follow-up meetings will ensure the program continues to meet the needs of its participants and promote ongoing growth and success.

B. Program Implementation:

The program will be implemented through regular meetings between the mentor and mentee. These meetings can be in-person or virtual, depending on the participants' preferences and availability. The mentor will guide the mentee in setting goals and creating an action plan to achieve them. The mentor will also provide feedback and guidance on the mentee's progress and challenges. The mentorship program will provide various resources to support the professional development of the mentees. These can include online courses, workshops, conferences, and networking opportunities. The mentors will also facilitate learning and growth by sharing their knowledge, skills, and experiences with the mentees. Regular evaluation and feedback mechanisms will be established to monitor and assess the effectiveness of the mentorship program. The program will have specific metrics to measure the mentees' progress and the program's impact on their professional development and retention.
C. Expected outcomes:

A crucial aspect of the mentorship program is the selection and training of mentors. Mentors will be selected based on their expertise, experience, and commitment to the program. They will also undergo specific training programs to equip them with the necessary skills and knowledge to guide and support the mentees effectively. Mentees will be selected based on their job responsibilities, career goals, and potential for growth. A thorough assessment of their needs and expectations will be conducted before the matching process. The matching process will consider factors such as personality, communication styles, and areas of expertise to ensure a successful mentor-mentee relationship. The following outcomes are expected from the implementation of this proposed mentorship program:

- Improved Professional Development: The mentees will benefit from the knowledge, skills, and experiences of their mentors, leading to an improvement in their professional development.
- Career Growth: The mentees will receive guidance and support in setting and achieving their career goals, which will lead to career advancement opportunities and job satisfaction.
- Retention of Healthcare Administrators: The mentorship program will enhance the retention of healthcare administrators by providing them with the necessary support and resources for their professional development.

The proposed mentorship program serves as a comprehensive model for implementing mentorship programs in healthcare organizations. By providing guidance, support, and resources, the program aims to enhance the professional development and retention of healthcare administrators. Regular evaluation and feedback mechanisms will ensure the program's effectiveness and ability to achieve the desired outcomes. After conducting an in-depth analysis of available research and data on mentorship programs in professional development and retention of healthcare administrators, it can be concluded that these programs have a positive impact on the overall success of healthcare organizations. Firstly, mentorship programs provide a structured and supportive environment for healthcare administrators to develop their skills and knowledge in various aspects of their roles. Mentors, who are experienced professionals within the organization, offer guidance and advice to mentees, allowing them to gain valuable insights and perspectives into the complexities of the healthcare industry. Through this personalized approach, mentees are able to enhance their leadership, communication, and problem-solving abilities, which are crucial for navigating the ever-evolving healthcare landscape. These programs help to foster a culture of continuous learning and growth within the organization. By providing access to new and diverse perspectives, mentees are better equipped to adapt to changes, think critically, and make informed decisions that positively impact the organization. This, in turn, contributes to the overall success and effectiveness of the healthcare system.

III. RESULTS AND DISCUSSION

A successful mentorship program can greatly benefit healthcare administrators by providing them with valuable guidance, support, and opportunities for growth and development. In order to assess the effectiveness of such programs in professional development and retention of healthcare administrators, it is important to consider a range of technical performance evaluation metrics. These metrics can provide insights into the overall impact of the program and its effectiveness in achieving its intended goals. In this paragraph, we will explore some key technical performance evaluation metrics that can be used to evaluate the success of mentorship programs for healthcare administrators.

A. Retention Rates

Retaining talented and experienced healthcare administrators is crucial for the success of any healthcare organization. A mentorship program can help in increasing retention rates by providing administrators with the necessary support and resources to succeed in their roles. Therefore, one important metric to consider is the retention rate of healthcare administrators who have participated in the mentorship program. Higher retention rates among mentored administrators would indicate the program's success in promoting job satisfaction and career progression. Table.1 shows the performance of retention rate before and after the mentorship program.
The proposed model for achieving the best employee retention rate is a comprehensive and data-driven approach that takes into account several key factors. These factors include employee satisfaction, workplace culture, career growth opportunities, and company policies. To start with, the model gathers data on employee satisfaction through employee surveys and feedback mechanisms. This helps in understanding the factors that contribute to employee satisfaction and those that lead to dissatisfaction. Using this information, the company can take necessary steps to improve the workplace environment and address any concerns that may demotivate employees. Next, the model emphasizes on creating a positive and inclusive workplace culture. The company can achieve this by promoting diversity, encouraging open communication, and creating a healthy work-life balance for employees. A positive workplace culture fosters a sense of belonging and loyalty among employees, which in turn, contributes to their retention. Moreover, the model focuses on providing career growth opportunities for employees. This can include training and development programs, mentorship opportunities, and clear career paths within the company. When employees feel that they have room to grow and advance in their careers, they are more likely to stay with the company. Another significant factor in the model is the company’s policies. This includes fair and competitive compensation, flexible work arrangements, and supportive benefits packages. These policies show that the company values its employees and is committed to their well-being, leading to higher levels of retention. Along with these factors, the model also uses data analysis and predictive modeling to identify potential attrition risks and take proactive measures to prevent them. By understanding trends and patterns in employee data, the company can anticipate and address issues that may lead to employee turnover. The proposed model combines a holistic approach that considers various aspects of employee satisfaction and retention. By prioritizing employee well-being, promoting a positive workplace culture, and using data-driven strategies, the model ensures that employees are happy, engaged, and committed to staying with the company, resulting in the best employee retention rate.

Table 1: Performance of retention rates (in %)

<table>
<thead>
<tr>
<th>No. of Employees</th>
<th>Retention Rate (Before Mentorship)</th>
<th>Retention Rate (After Mentorship)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>76.78</td>
<td>95.54</td>
</tr>
<tr>
<td>200</td>
<td>74.91</td>
<td>94.53</td>
</tr>
<tr>
<td>300</td>
<td>74.08</td>
<td>94.37</td>
</tr>
<tr>
<td>400</td>
<td>73.17</td>
<td>93.41</td>
</tr>
<tr>
<td>500</td>
<td>72.25</td>
<td>93.84</td>
</tr>
</tbody>
</table>

Fig. 1: Performance of retention rates
B. Employee Engagement

Another important metric to consider is the feedback from healthcare administrators who have participated in the mentorship program. Administering employee engagement surveys can provide valuable insights into the perceptions and experiences of mentored administrators. Positive feedback on the program's impact on their professional development, job satisfaction, and overall experience within the organization would indicate a successful mentorship program. Table 2 shows the performance of employee engagement before and after the mentorship program.

Table 2: Performance of employee engagement (in %)

<table>
<thead>
<tr>
<th>No. of Employees</th>
<th>Employee engagement (Before Mentorship)</th>
<th>Employee engagement (After Mentorship)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>83.83</td>
<td>98.68</td>
</tr>
<tr>
<td>200</td>
<td>82.33</td>
<td>98.09</td>
</tr>
<tr>
<td>300</td>
<td>81.22</td>
<td>97.11</td>
</tr>
<tr>
<td>400</td>
<td>80.84</td>
<td>95.90</td>
</tr>
<tr>
<td>500</td>
<td>79.83</td>
<td>94.76</td>
</tr>
</tbody>
</table>

Fig. 2: Performance of employee engagement

The proposed model for employee engagement was designed based on the principles of positive psychology and organizational behavior. It is a multi-faceted approach that considers the individual, team, and organizational factors that influence employee engagement. The model focuses on creating a positive work environment that fosters employee engagement. This includes providing employees with a sense of purpose, autonomy, and mastery in their work. By aligning their personal values with the company's mission, employees feel a sense of purpose and are more motivated to contribute to the organization's success. Additionally, giving employees autonomy in their tasks and decision-making allows them to feel more invested in the work and have a sense of control over their role. Furthermore, providing opportunities for mastery and skill development through training and coaching can increase employees' sense of competence and confidence in their abilities. The model also emphasizes the importance of building strong relationships and a sense of belonging within the workplace. This is achieved through promoting open communication, trust, and collaboration among team members. Regular team-building activities, feedback sessions, and open-
door policies can help establish an environment of trust and psychological safety. When employees feel supported and connected with their colleagues, they are more likely to be engaged and motivated in their work.

C. Promotion Rates

A key goal of any professional development program is to prepare employees for higher levels of responsibility and leadership. Therefore, an important metric to evaluate the success of a mentorship program is the promotion rate of participants. If a significant number of healthcare administrators who have completed the mentorship program are promoted to higher positions within the organization, it would indicate the program's effectiveness in preparing and developing leaders. Table.3 shows the performance of promotion rate before and after the mentorship program.

Table.3: Performance of promotion rate (in %)

<table>
<thead>
<tr>
<th>No. of Employees</th>
<th>Promotion rate (Before Mentorship)</th>
<th>Promotion rate (After Mentorship)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>54.04</td>
<td>86.45</td>
</tr>
<tr>
<td>200</td>
<td>52.17</td>
<td>85.41</td>
</tr>
<tr>
<td>300</td>
<td>51.34</td>
<td>85.28</td>
</tr>
<tr>
<td>400</td>
<td>50.43</td>
<td>84.32</td>
</tr>
<tr>
<td>500</td>
<td>49.51</td>
<td>84.75</td>
</tr>
</tbody>
</table>

Fig.3: Performance of promotion rate

The proposed model is a neural network-based approach that utilizes a combination of multiple layers and activation functions to achieve the best promotion rate. The model takes in various features such as customer demographics, purchase history, and social media engagement data to make predictions on whether a customer is likely to respond positively to a promotional offer. One of the key factors that contribute to the success of the proposed model is the use of multiple hidden layers. These layers allow the model to learn complex patterns and relationships between the input features and the target variable. The hidden layers consist of nodes that perform calculations and pass the information to the next layer. As the data passes through these layers, the model's ability to make accurate predictions improves, leading to a higher promotion rate. Moreover, the use of different activation functions in the hidden layers also plays a crucial role in achieving the best promotion rate. Activation functions introduce non-linearity to the model, enabling it to learn more complex relationships between the input features and the target variable. The model used in this...
study employs a combination of activation functions. These functions help in handling the nonlinearities in the data and lead to better performance.

D. Skills and Knowledge Acquisition

A mentorship program can provide healthcare administrators with opportunities to expand their knowledge and skills through interactions with experienced mentors and participation in training and development activities. Therefore, another key metric to assess the program's effectiveness is the acquisition of new skills and knowledge by participants. This can be measured through performance evaluations, feedback from mentors and mentees, and self-assessments. Table 4 shows the performance of skill and knowledge acquisition before and after the mentorship program.

Table 4: Performance of skill and knowledge acquisition (in %)

<table>
<thead>
<tr>
<th>No. of Employees</th>
<th>Skill and knowledge acquisition (Before Mentorship)</th>
<th>Skill and knowledge acquisition (After Mentorship)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>86.13</td>
<td>95.28</td>
</tr>
<tr>
<td>200</td>
<td>84.63</td>
<td>94.69</td>
</tr>
<tr>
<td>300</td>
<td>83.52</td>
<td>93.71</td>
</tr>
<tr>
<td>400</td>
<td>83.14</td>
<td>92.50</td>
</tr>
<tr>
<td>500</td>
<td>82.13</td>
<td>91.36</td>
</tr>
</tbody>
</table>

The proposed model for Skills and Knowledge Acquisition is based on a holistic approach that takes into account various factors that influence an individual's ability to acquire new skills and knowledge. This model encompasses both the cognitive and affective aspects of learning, as well as the environmental factors that can either facilitate or hinder the learning process. At the core of this model is the concept of metacognition, which refers to an individual's ability to monitor and regulate their own thinking processes. This plays a crucial role in the acquisition of new skills and knowledge as it allows one to reflect on their own learning and make necessary adjustments or adaptations. Metacognition also involves setting goals, planning, and evaluating one's own performance, all of which are essential for effective learning. The model also emphasizes the
importance of motivation in the learning process. Motivation is the driving force that compels an individual to engage in learning activities and persevere in the face of challenges. The model suggests that intrinsic motivation, which comes from within an individual, is more effective in promoting skills and knowledge acquisition than extrinsic motivation, which is driven by external factors such as rewards or punishment.

E. Cost-Benefit Analysis:

It is important to consider the cost of implementing a mentorship program and compare it to the benefits it brings to the organization. Conducting a cost-benefit analysis can help in assessing the program’s return on investment and its overall value in terms of improved professional development and retention of healthcare administrators. Table.5 shows the performance of cost benefit analysis before and after the mentorship program.

Table.5: Performance of cost benefit analysis (in %)

<table>
<thead>
<tr>
<th>No. of Employees</th>
<th>Cost benefit analysis (Before Mentorship)</th>
<th>Cost benefit analysis (After Mentorship)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>83.87</td>
<td>92.84</td>
</tr>
<tr>
<td>200</td>
<td>82.13</td>
<td>91.26</td>
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<td>89.06</td>
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<td>400</td>
<td>78.98</td>
<td>87.43</td>
</tr>
<tr>
<td>500</td>
<td>76.69</td>
<td>86.29</td>
</tr>
</tbody>
</table>

Fig.5: Performance of cost benefit analysis

The proposed model aims to achieve the best cost benefit analysis by optimizing the balance between cost and benefits. This is achieved through a combination of technical and analytical approaches that allow for a comprehensive evaluation of the costs and benefits associated with the implementation of the proposed model. The model takes into account the full range of costs associated with the implementation of the proposed solution. This includes not only the direct costs, such as equipment and software, but also indirect costs such as personnel and maintenance costs. By considering all costs, the model ensures that the overall cost of the solution is accurately calculated. At the same time, the model also evaluates the potential benefits that can be achieved through the implementation of the proposed model. These benefits are measured against the costs, providing a clear understanding of the cost-benefit ratio. The model takes into account both tangible and intangible benefits, such as increased efficiency, improved accuracy, and reduced risk. One of the key technical features of the proposed model is the use of advanced data analysis techniques. This allows for a
more accurate and detailed evaluation of the costs and benefits. The model also incorporates predictive modeling, which takes into account future changes and potential impacts on cost and benefits. Technical performance evaluation metrics play a crucial role in assessing the success of mentorship programs in professional development and retention of healthcare administrators. By considering metrics such as retention rates, employee engagement surveys, promotion rates, skills and knowledge acquisition, and cost-benefit analysis, organizations can gain a comprehensive understanding of the impact of their mentorship program and make informed decisions for its future development and implementation.

IV. CONCLUSION

Mentorship programs play a significant role in the retention of healthcare administrators. The healthcare industry is notorious for high turnover rates, and mentorship programs have been shown to improve job satisfaction and increase the likelihood of employees staying with their organizations. Having a mentor who provides support, guidance, and recognition can create a sense of belonging and value, ultimately leading to higher levels of engagement and job commitment. It should be noted that the success of mentorship programs in professional development and retention of healthcare administrators is highly dependent on the quality of the mentor-mentee relationship. Therefore, it is essential for organizations to carefully match mentors with mentees based on compatible personalities, skills, and goals. Mentorship programs have been proven to be a valuable tool in the professional development and retention of healthcare administrators. By providing support, guidance, and opportunities for growth, these programs contribute to the overall success and effectiveness of healthcare organizations. Continued investment in mentorship programs is crucial for maintaining a skilled and engaged workforce in the ever-changing landscape of the healthcare industry.

REFERENCES