

Retraction

Retracted: The Practical Dilemma and Path Optimization of Big Data Integration into Ideological and Political Teaching in Private Colleges and Universities

Mobile Information Systems

Received 13 September 2023; Accepted 13 September 2023; Published 14 September 2023

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This article has been retracted by Hindawi following an investigation undertaken by the publisher [1]. This investigation has uncovered evidence of one or more of the following indicators of systematic manipulation of the publication process:

- (1) Discrepancies in scope
- (2) Discrepancies in the description of the research reported
- (3) Discrepancies between the availability of data and the research described
- (4) Inappropriate citations
- (5) Incoherent, meaningless and/or irrelevant content included in the article
- (6) Peer-review manipulation

The presence of these indicators undermines our confidence in the integrity of the article's content and we cannot, therefore, vouch for its reliability. Please note that this notice is intended solely to alert readers that the content of this article is unreliable. We have not investigated whether authors were aware of or involved in the systematic manipulation of the publication process.

Wiley and Hindawi regrets that the usual quality checks did not identify these issues before publication and have since put additional measures in place to safeguard research integrity.

We wish to credit our own Research Integrity and Research Publishing teams and anonymous and named external researchers and research integrity experts for contributing to this investigation.

The corresponding author, as the representative of all authors, has been given the opportunity to register their agreement or disagreement to this retraction. We have kept a record of any response received.

References

- [1] X. Li, "The Practical Dilemma and Path Optimization of Big Data Integration into Ideological and Political Teaching in Private Colleges and Universities," *Mobile Information Systems*, vol. 2022, Article ID 7417406, 10 pages, 2022.

Research Article

The Practical Dilemma and Path Optimization of Big Data Integration into Ideological and Political Teaching in Private Colleges and Universities

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Received 13 July 2022; Revised 28 July 2022; Accepted 8 August 2022; Published 28 August 2022

Academic Editor: R. Mo

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The promotion and application of big data have promoted the reform of quality classes in Colleges and universities, enriched the teaching content, and changed the traditional education mode. However, at present, due to the difficulties in funding, understanding teachers, and system construction, the integration of data into teaching often presents an embarrassing situation of separation between form and content, the separation between theory and practice, and the distance between teaching results and teaching objectives. For this reason, many private colleges and universities should make full use of data technology to change the quality of education mode according to the new characteristics of college students in the data environment, use the network information carrier to strengthen the interaction and exchange with college students, do a good job in guiding the ideological dynamics, actively promote positive capacity, and improve the networking level of quality education. At the same time, in order to change the current situation of incomplete integration and break through the dilemma, private colleges and universities should change their ideas and strengthen their attention to the practical ideological and political teaching. In view of the above problems, this study analyzes the internal logic of the integration of private colleges and big data, combines the actual difficulties, and uses LSTM neural network to put forward reasonable optimization strategies and suggestions, aiming to expand and cultivate high-quality practical teaching teams of Ideological and political courses, so as to improve the system and establish and improve the relevant teaching system and mechanism.

1. Introduction

Universities are the main positions for talent training and output. At present, there are more than 3000 universities in China. The distribution of universities in various provinces is shown in Figure 1. However, with the increasing difficulty of higher education management, education and teaching problems are becoming increasingly prominent. To better implement educational work, universities must introduce and apply data technology, combine big data with education management, constantly improve the original management mode, create a new path of university education work, improve the quality and efficiency of university education work, and provide more modern system talents for the unit [1, 2].

In February 2017, China issued the reply document on Strengthening Quality classroom education for college students in the socialist environment of the new era. The document pointed out that it is essential to strengthen the framework of students' Internet Quality work carriers, strengthen the construction of students' interactive communities, theme education websites, professional academic websites, and "two micro ends", carry out relevant education work by using the expression methods that students like, and innovate education carriers based on students' interests and hobbies, Enrich education channels, make full use of Weibo, WeChat, etc., push information, and fundamentally change the previous education methods [3–5]. By integrating modern data means, we can innovate classroom education resources, continuously improve the effectiveness and

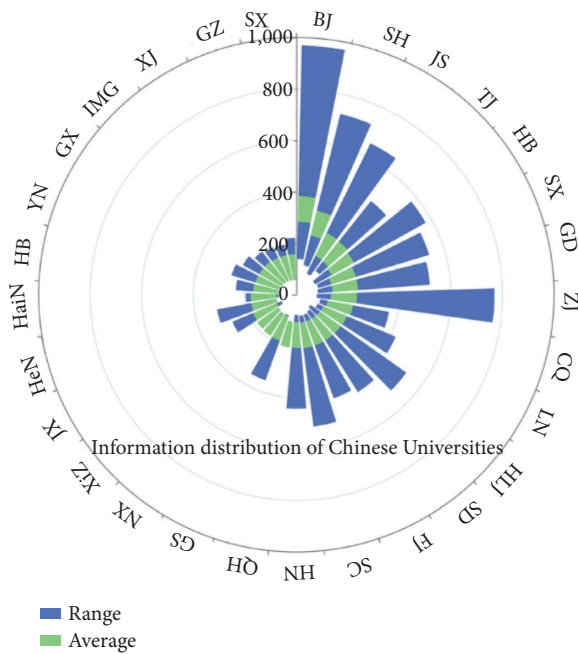


FIGURE 1: Information distribution of Chinese Universities.

effectiveness of education, strengthen the teaching hardware of the school, change the teaching methods of school teachers, provide flexible and diverse guidance to students, and play the role of big data in modern school education [6–8]. However, in the background of data development, university education also faces many problems and deficiencies, such as weak infrastructure, ineffective sharing of education data information, and security management risks, which affect the effect of big data application in university basic course education [9, 10]. Therefore, university education managers should integrate big data into the internal logic of classroom education, analyze the existing difficulties and take targeted solutions [11, 12].

2. Big Data and the Internal Logic of Ideological and Political Teaching in Private Colleges

With the vigorous development of education in our country, the number of college students in China has also shown exponential growth. Figure 2 reflects the changes in college students in China since 2010. From the change of data, the number of college students has changed greatly since 2010, especially after 2014, it has almost multiplied every year. Currently, the integration of big data into university classrooms also has its internal logic, enriching educational resources, providing data level basis for education, and improving the technical level of Quality education. But yet, according to incomplete statistics, the quality of education of college students is not optimistic. The quality classes in most schools are still in the early stage of education, which seriously hinders the healthy development of education [13–16].

From the above Figure 2, we can find that since 2014, the number of students in Colleges and universities in China has

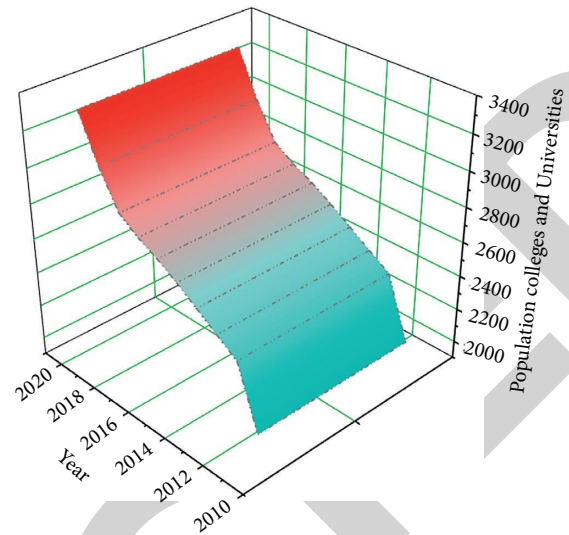


FIGURE 2: Statistical law of the number of College Students.

increased year by year, showing a trend of class index expansion. It can be seen that the development of colleges and universities in China has changed greatly, the number of college students has expanded, and the development of the Internet in recent years has been more rapid. It can be predicted that in the next few years, The contradiction between the ideological and political education of college students in China and the expansion of big data will become more and more serious.

2.1. Big Data Provides Important Data Information for College Students' Education. Before 2010, affected by external environmental factors such as environment and human activities, it was difficult to obtain accurate data and statistical information in the quality classes of college students, resulting in varying degrees of errors in the educational conclusions [17]. However, today, the arrival of the digital age can solve these problems. First, with the help of digital technology, mobile terminals, apps, and other innovative teaching means and methods to quantify relevant educational information and data, so that teachers can re-examine and analyze the characteristics of quality education from many angles. Second, the innovation and development of digital technology provide convenience for teachers to conduct teaching research. Teachers can do a good job in data screening, processing, storage, and utilization in combination with actual educational needs, ensure the integrity of teaching information, improve the education level of relevant classes, provide important data basis for subsequent teaching, make daily education and teaching more accurate and improve the predictability of education. Teachers can analyze and study students' behavior according to digital technology, so as to formulate more scientific and accurate teaching programs.

To effectively mine all kinds of teaching data, we can reduce the workload of data collection by establishing relevant data mining models. Taking the long and short-term

memory neural network data mining model as an example, this paper designs a teaching data mining model based on LSTM.

2.1.1. LSTM Theory. The long-term and short-term memory network model is widely used in time series problems. It is a variant of a recurrent neural network (RNN), which processes data through a gating mechanism. The LSTM neural unit consists of CEC, input gate, output gate, forgetting gate, and peephole. The relationship of each component is shown in Figure 3. The data transmission formula followed is as follows:

Initial input gate i_t :

$$i_t = \sigma(W_i x_t + U_i h_{t-1} + b_i). \quad (1)$$

Initial output gate o_t :

$$o_t = \sigma(W_o x_t + U_o h_{t-1} + b_o). \quad (2)$$

Initial forgetting gate f_t :

$$f_t = \sigma(W_f x_t + U_f h_{t-1} + b_f). \quad (3)$$

Input gate after the introduction of peephole i_t :

$$i_t = \sigma(W_i x_t + U_i h_{t-1} + V_i c_{t-1} + b_i). \quad (4)$$

Output gate after the introduction of peephole o_t :

$$o_t = \sigma(W_o x_t + U_o h_{t-1} + V_o c_{t-1} + b_o). \quad (5)$$

Forgetting door after introducing peephole f_t :

$$f_t = \sigma(W_f x_t + U_f h_{t-1} + V_f c_{t-1} + b_f). \quad (6)$$

Of which:

$$\begin{aligned} c_t &= i_t \odot a_t + f_t \odot c_{t-1}, \\ a_t &= f(W_a x_t + U_a h_{t-1} + b_a), \\ h_t &= o_t \odot g(c_t). \end{aligned} \quad (7)$$

Under the joint action of CEC, peephole and three gating mechanism units, it makes:

$$eh_{t-1} = eh_t \odot (Wf^l(p(t-1)) = 1). \quad (8)$$

2.1.2. LSTM Data Mining Model Architecture. Data mining pattern recognition can be divided into three functional modules: data preparation, LSTM-based learning model training, and data pattern recognition. The main functions of the modules are as follows:

- (1) Data preparation: use the window sliding method to divide the original sequence to be tested into subsequences.
- (2) Data mining based on LSTM learning model: This module generates LSTM network data mining model. The pattern recognition module can input data features into the model and output them as pattern labels of data.

- (3) Data pattern recognition: input the sequence to be tested into the well-trained network model, and automatically recognize the data pattern. The workflow of the data pattern recognition model is shown in Figure 4.

2.2. It Has Promoted the Reform of Educational Ideas in Colleges. With the support of digital technology, the university curriculum education reform process can retain the original text, video, sound, pictures, etc., can form different information from different channels, and can quickly update, which can create a more suitable learning environment for the change of curriculum education ideas of relevant professional teachers [18, 19]. The application of big data has broken through the geographical and spatial constraints, and the speed of data transmission and update is faster. It has enriched the channels for teachers to obtain relevant educational resources and formed a rich educational information database. The use of relevant data technology can not only bring teaching benefits to educators, but also to the curriculum process. To meet the needs of the rapid development of big data, teachers continue to innovate educational ideas, effectively improve the single ideological path of previous education objects, and better stimulate students' awareness of autonomous learning. Teachers can make full use of education carriers rich in big data, such as video teaching or online education, to view, review and reflect on the education process, so as to enhance the intuitiveness of education.

2.3. Broaden the Horizon of Education. Big data not only provides massive data for education managers, but also provides personalized data analysis for each student. The application and expansion of big data have played a vital role in improving the level of educational technology in university courses. First, big data, as a symbolic product of the information age, it provides a new perspective for related college curriculum education, and also provides teachers with a variety of network data. Teachers can further broaden the educational space by mining the internal related data. Second, teachers use digital technology to analyze the new characteristics of current university curriculum education as a whole, flexible application of big data and methods to daily teaching in combination with the actual environment of the school, analyze the learning habits and behavior patterns of education subjects and objects, and promote the improvement and innovation of education methods; Third, using data technology, teachers can model and simulate future teaching practice activities, scientifically predict education, analyze potential problems and adverse factors, more accurately grasp internal laws, and make education more targeted and accurate.

3. Existing Dilemma

3.1. Problems in Teachers' Ideological Understanding of Related Education. In the current era, big data has not only developed rapidly in the network society, but has also begun

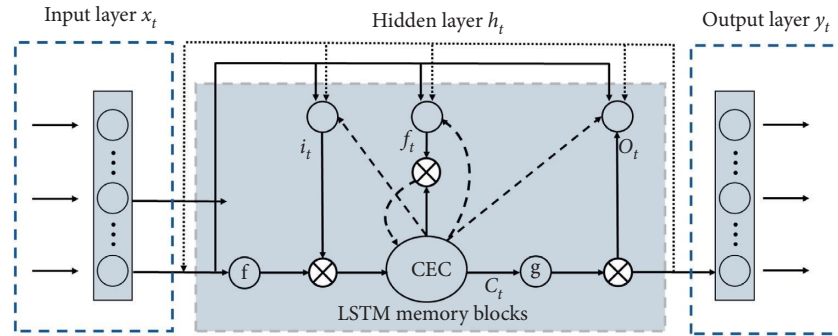


FIGURE 3: Structure diagram of LSTM basic neural network.

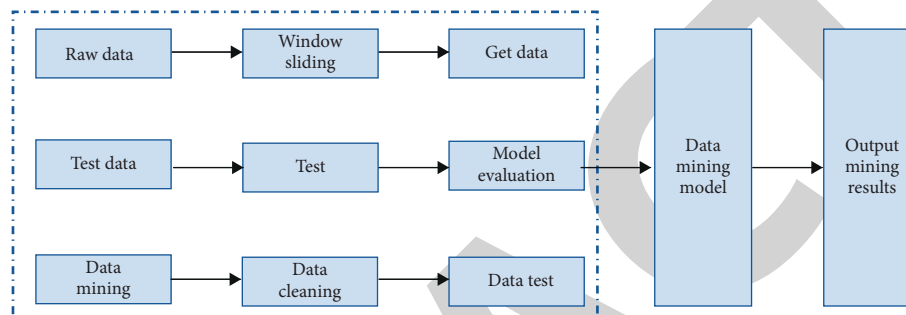


FIGURE 4: Workflow of data pattern recognition model.

to penetrate into all fields of the school, promoting social innovation and progress. But yet, based on the development status of big data integration into university curriculum education, there are still problems in all aspects. First, as an important force of young netizens, college students should not only be limited to the teaching of books and textbooks but also play the role of big data in teaching to improve the timeliness of education. Some course teachers have not given enough attention to innovation in the data field, and their positioning is unscientific, so they can not give full play to the important role of big data. Second, there is a lack of big data application concept in the education evaluation and assessment of relevant courses, and there are insufficient problems in the collection, sorting, screening, and utilization of big data information, which reduces the effect of education. Third, in view of the impact of school data on college classroom education in the data age, no targeted solutions have been taken. It is difficult to control reform and innovation, and it is difficult to achieve effective use of big data due to the lack of specific educational practice.

Moreover, in some private colleges, some top managers have a one-sided understanding of Quality teaching. Especially in the 21st century, education practitioners are not aware of the internal relationship between students' professional practice and quality teaching practice. Some elderly educators are divorced from the data age, and their awareness deviates greatly from students. Because of their habitual thinking, they often think that the purpose of school classes is to deliver applied talents that meet the market demand to the society. Therefore, the employment rate of the school is taken as the final measure of education. Under the background of fierce talent competition, students should

strengthen the learning and practice of relevant professional knowledge, so as to master more knowledge and skills. The quality courses and their practical teaching, which do not involve professional knowledge and skills, are useless for students' employment. Therefore, as long as the credits and class hours can meet the requirements of national documents. This concept makes it difficult for quality-oriented teaching in China to get rid of the current situation of formalism, and it is even more difficult to connect with the data age.

3.2. Information Data Filtering and Management Issues.

From the basic situation of big data being integrated into quality education in universities, there is a huge amount of information, showing fragmentation and diversity, and positive and negative information coexist, which will have an impact on students. First, as the young generation of Internet users, college students are energetic and flexible, and are in an important stage for young college students, and their concept of life has just been gradually formed. However, the application of the network is also more than that of ordinary people. Due to the diversity of data information they daily contact, some information is complex, and it is difficult to distinguish the good from the bad. If the data use of college students in this period is not well guided, it is bound to have an adverse impact on their behavior values. Second, the application of big data has strengthened people's communication and interaction. Driven by Internet information, the network is full of all kinds of bad information and ideas, which has a certain impact on the main melody and positive energy of relevant education and publicity, and

increased the difficulty of follow-up education [20–23]. Third, From the perspective of big data's elimination of useless information and retention of useful information, the whole process of education should be controlled. Due to the relevance of data and the innovation and application of relevant technologies, if not strictly controlled, it is very easy bring about the risk of private information being leaked, posing a threat to students' personal physical and mental health.

3.3. Lack of Specialized Big Data Management Talents. At present, Big data has been highly recognized by colleges and developed in university classes, but the effect is not satisfactory. From the actual education situation, there is a shortage of management talents in related fields, which can be reflected from three different angles: first, although the application of big data has been recognized by both college students and university teachers, it also plays an irreplaceable role, in fact, in the field of big data combined with classroom education, there are not enough relevant technical talents, The daily management and maintenance of digital technology and data technology are not in place, which is difficult to fulfil the basic needs of people and universities for education in real society. Second, in view of the rapid development of digital technology and data technology, in the course of carrying out theoretical education, various universities should formulate scientific talent introduction plans according to specific talent needs to meet the actual educational requirements. But yet, Based on the basic situation of these schools in major provinces in China, under the influence of the data environment, the talent gap is relatively large, especially the number of employed teachers with big data processing ability is relatively small. Third, from the perspective of the university quality education team, teachers' professional quality and ability need to be improved urgently. In the application of new technologies, there is a problem of inadequate utilization. Especially in the entry point of integrating big data and quality education, teachers' actual professional ability and the actual selection and useability are still lacking.

4. The Key and Focus of Integrating Big Data into Quality Teaching in Private Colleges

After China's education reform, the number of universities and big data has shown a blowout, and the integration of big data into school teaching has become an irreversible trend. Especially in the post-epidemic era after 2019, both primary and secondary education and university education have been deeply bound with big data, and there are more and more online teaching platforms and online learning resources [24, 25]. The contradiction between the continuously improving digital education bundle, the gradually increasing number of young educators and the limited administrative ability of the university has become increasingly significant, driving the innovation and reform of the internal education model of the University. At present,

many universities, in their own actual situation, should vigorously develop the work of combining data education with classroom, so as to realize the education revolution in the data age [26–28]. However, in view of the actual situation of the current school, we should also consider several issues.

4.1. Modelling of Individual Goals for Older People. Today, with the development of big data, the integration of technology into education is no longer a freshman's idea, but goes deep into the heart of school development. Everyone knows it and can use it. Therefore, in terms of the concept of "integration", today's universities should be alert to relevant technologies' relationship between basic digital teaching and comprehensive digital teaching, so as to avoid the fragmentation, lack of integrity and pertinence of "integration" of data technology [29]. Based on this reason, this study suggests a new model of integrating big data into quality education to change the traditional concept of integrating education data.

The fundamental difference between ideological quality education in the era of big data and that in the era of traditional data is that the former pays attention to the correlation between full data and the usefulness of data information; The latter focuses on the causal relationship between data samples and the accuracy of results [30]. In general, the integration of data technology into the curriculum education of private universities needs to shift from the concept of sampling analysis to the concept of digital statistics. Specifically, the change in the concept of "integration" is mainly reflected in two places.

The first is the transformation from a small amount of sample data to a full amount of data. Before the data technology was applied to the field of quality education in private colleges, traditional digital education mainly used sampling to infer the overall situation due to the difficulties in obtaining data and other factors. After the popularization of big data, full sample data analysis has gradually become the mainstream, and the educational philosophy of relevant education practitioners has also changed.

Second, the concept of causality among digital educators has shifted to the concept of correlation [24, 31]. The big data is applied to discuss and compare the data correlation between teachers and students of private university education, screen invalid education projects, break the limitations of the artificial dominated education method that uses causality to screen the doubtful points of the education concept, reduce the subjective judgment of relevant personnel, and expand the channels for university education to find problems.

4.2. Innovative "Inclusion" Approach. In terms of the "integration" method, attention should be paid to the comprehensive shift from rote copying to organic integration to avoid fragmentation, isolation, lack of penetration, and integration after the "integration" of data technology. Hard copy of big data is the most frequent and common teaching method used in the internal classroom of many private schools. From the perspective of teaching efficiency, although this teaching method has a small workload and

simple operation in the early stage, especially for private colleges that have not established a database. However, from the perspective of teaching quality, since teachers mainly adopt data application to integrate relevant teaching classes, it is hard to ensure their teaching quality [29]. If university education is carried out mainly by means of data fusion education based on rote learning, there will inevitably be some problems, such as the lack of teaching supervision links, the insufficient depth of teaching ideas, and the inability to expose systemic risks. Therefore, to souped-up the efficiency and effect of quality classes, it is essential to change the teaching method based on traditional data fusion, open up new “integration” methods with information sharing and communication as the starting point, especially for the key areas and key links of university quality education, build teaching platforms and databases relying on data technology, and excavate the new information contained in these data in a parallel way based on online data and supplemented by traditional teaching methods, We should have a more comprehensive and profound understanding of the relevant classroom education objects, and deal with the problems found in the university classroom promptly, so as to increase the effectiveness of integrating data technology into the internal quality education of colleges and universities. Based on the above problems, the quality education teaching platform integrated with big data built in this test based on the data new era database is shown in Figure 5.

4.3. Adjust the “Integration” Approach. In the way of integration, we should change the focus of attention, and comprehensively shift the way of post supervision to the way of pre-event, in-event, post-event and tracking, so as to avoid the situation that the “integration” of digital technology is too narrow and lacks breadth and depth. Most of the quality education models within universities are formulated or evolved by the Ministry of education. Especially for private universities, they are evolved from the traditional universities. This hard copy or evolved big data “integration” method not only causes the course education in these universities to be a little dull, students are not active in class, teachers are not serious in teaching, and other problems. At present, with the promotion of the application of big data, although the curriculum education task of integrating big data has been promoted to a new level by major private universities under the promotion of the situation, this forced development still lags behind, which it is difficult to timely disclose relevant information that is not conducive to offline classes, and it is even more difficult to improve school teaching quality, and seriously affects the teaching classroom effect of students. Therefore, we should try our best to make flexible use of big data to open up more new forms that can improve teaching efficiency, and integrate data technology into the internal curriculum construction of private universities more fully, deeply, and comprehensively. In the stage of preparing lessons in advance, education practitioners collect and share quality data and information through data technology to avoid the inefficient work of manually sorting out data. When the teacher is in class, the

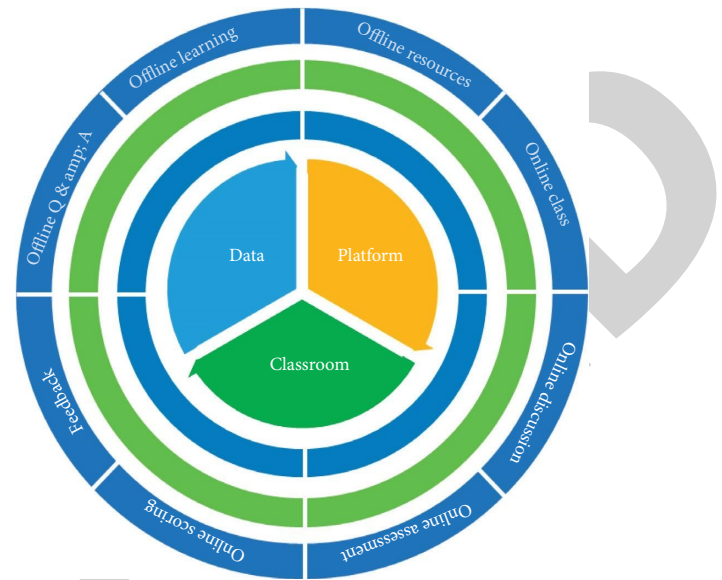


FIGURE 5: Teaching platform integrated with big data.

data technology is used to quantify the classroom risk value in real-time, and a good classroom feedback mechanism as shown in Figure 6 is established to reduce the deviation and misjudgment of the instructors to a certain extent. After the event, timely track the teaching results, use the technical advantages to establish a student evaluation system on the information platform and the implementation of teachers’ feedback on the classroom, and then vigorously improve the teaching quality of private schools. From the perspective of continuous information sharing, real-time monitoring, and effective evaluation, it is imperative to cultivate the “integration” approach to data technology.

5. Path Optimization of Integrating Big Data into Quality Teaching in Private Colleges

5.1. Actively Seek Internal Connection and Create a New Education Platform. As shown in Figure 7, the essence of university quality education is to study the growth process of people and realize the role of personality education. In the teaching process of university quality course, teachers should respect the background of all media, and actively seek the internal relationship between university course education and modern media technology from the professional nature and teaching environment. First of all, global communication in the all-media mode is beneficial to promote the concept updating and content innovation of university curriculum education. When imparting knowledge to students, teachers had better create a new education platform based on the students’ growth needs at this stage and their favorite audio-visual forms to spread and partially cover university course education on the Internet. Second, in order to realize the long-term development of curriculum quality education in the form of all media, colleges need to innovate the content of university education and enrich its deep connotation. In the Internet age, college students’ interest in

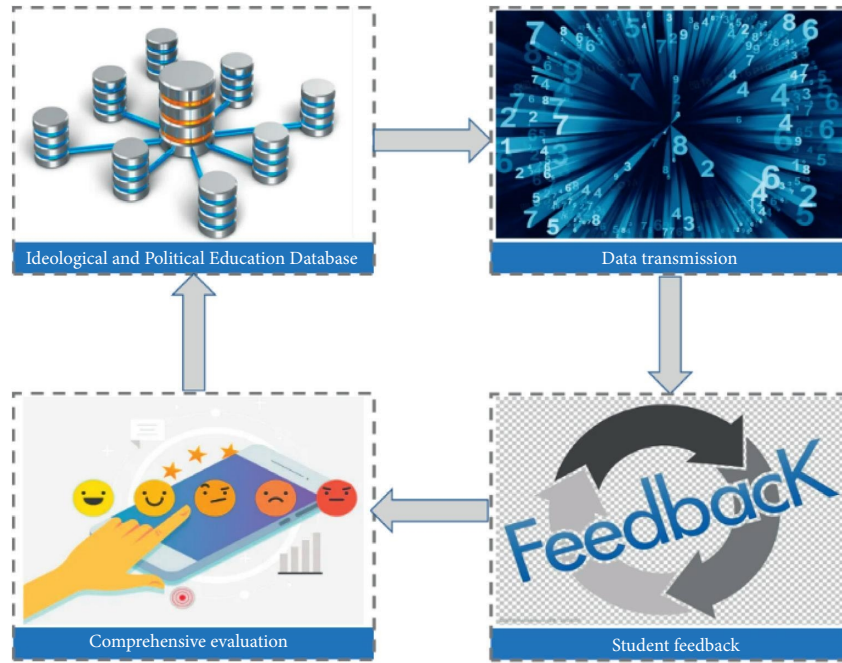


FIGURE 6: Classroom feedback mechanism.

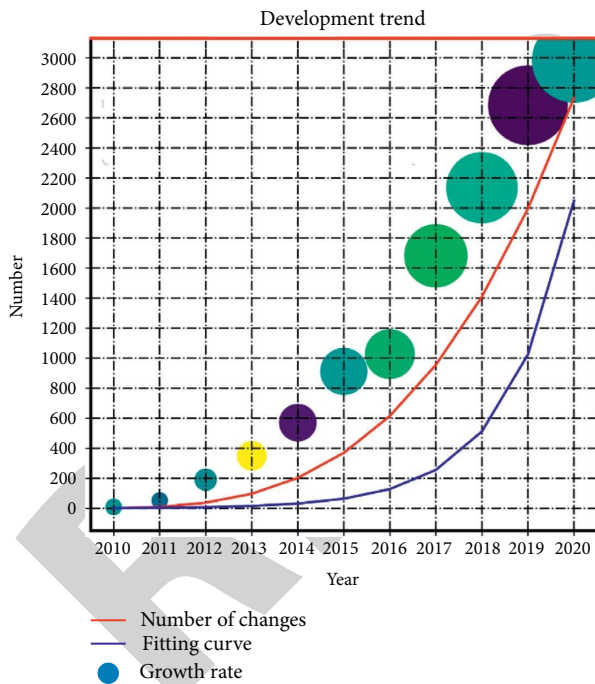


FIGURE 7: Changes of new education platforms for quality creation at home and abroad.

emerging culture will weaken the influence of traditional culture to a certain extent. In this case, university quality education should start with the spread of network culture, carry out connotation innovation of scientific and healthy values, and ensure the correct cognition of college students on the education of related courses. Thirdly, the creation of a new education platform is a key step for the modernization of university curriculum education. The setting of this

education platform has greatly increased the proportion of quality education of college students in daily learning. Students can learn and explore these data on mobile phones, computers, and other electronic devices, greatly improving the enthusiasm of the whole people for political participation. At the same time, the setting of curriculum quality education platform also needs to strengthen the integration with modern network ideas, such as event comments in news media. Educators should grasp their ideological values from the comments of college students in time, and carry out targeted ideological education and personality improvement.

5.2. Positively Carry Forward the Value Concept and Promote the Optimized Development of Quality Work. While optimizing curriculum education, school teachers should keep up with the development of the times when teaching modern courses, and realize the positive promotion of socialist values through all media communication. First of all, innovate the teaching concept of curriculum quality. Under the dual requirements of diversified background and Internet thinking, curriculum quality education should boldly integrate the modern values recognized by students, take the essence, and effectively combine the traditional values with the new cultural trend of thought. For example, the shaping of patriotism values. During the National Day military parade, all media technology ran through the whole process of curriculum quality education. Students witnessed the strength of the country from multiple angles through online viewing. This intuitive curriculum quality education has greatly improved the national identity of college students and eased the current belief crisis of new youth. Second, create quality education products. In the process of

university education, Internet technology has become an important supplementary channel for classroom resources. However, due to its large amount of information and complex sources, strict product control and knowledge screening should be carried out in the introduction stage of university classroom education, so as to vigorously promote the positive information beneficial to the shaping of College Students' values. Third, timely disclosing social problems to improve students' independent reflection ability and vigilance awareness. For example, the Central of China is tracking and reporting social emergencies in real-time. This open classroom education caters to the development needs of young scholars era, enables students to evaluate values from the height of national politics, and gradually defines the practical significance of mainstream values through the fusion and identification of multi-party information in the process of practice.

5.3. Enhance Teachers' Modern Consciousness and Strengthen the Integration of Information Technology. Especially in the process of quality education in the university classroom, what kind of talents to cultivate is the primary problem that university education faces. Therefore, strengthening the educational background and quality construction of school teachers have played a fundamental role in the education itself. First of all, we should constantly improve the teaching and self-cultivation level of teachers, strengthen the training of curriculum education for teachers, strengthen the ideological awareness of teachers from the perspective of firm ideals and beliefs, and cultivate patriotism [26], so that teachers can adhere to the direction of socialist school management in teaching, cultivate talents from the Perspective of dialectical materialism, and improve students' personality. Secondly, we should constantly enhance the modernization awareness of teachers. For the impact of global ideology, teachers should guide and care for individual students with modern thinking mode. In the meantime, educators should change the traditional teacher-student education model in the process of education, and guide students out of psychological difficulties with a modern and equal attitude, so as to grow up healthily. Thirdly, enhance the ability of teachers' technical integration. The daily activities of contemporary college students are basically concentrated on the whole Internet. The teaching dilemma brought by this new technology makes education informatization an inevitable trend. Therefore, Improving the teaching ability and data application ability of educators in school is an inevitable choice to effectively meet the needs of students and implement curriculum quality education at the same time.

5.4. Improving the Educational Environment in Colleges and Universities and Paying Attention to the Students' Sense of Autonomy. Campus environment is a comprehensive manifestation of university teaching resources and cultural connotation. It has a significant influence on the improvement of students' humanistic quality and the transformation of their spiritual outlook. Primarily, colleges

should build a healthy and positive education environment, integrate the goal concepts of "The aim of education is to educate people" and "Teaching should uphold the advantages of people" into all links of university education, and pay attention to the development of students' self-awareness in an equal way. At the same time, to make more college students get more good jobs when they apply for jobs and have a better life outlook in life, all kinds of universities need to constantly create an atmosphere of socialist values in the campus environment, so that students can constantly motivate themselves and improve their personality. Secondly, all kinds of universities should build an open and free learning environment, actively carry out seminars on Marxist thought, organize quality and moral education courses inside and outside the campus, and cultivate a group of young Party members with firm political positions and both virtue and talent among the student groups through personal experience and practical experience. Through the form of students' mutual assistance, carry out the dissemination and innovation of quality education in the form of all media. Thirdly, colleges should build a "Trinity" educational environment. Fully combine the advantages of the three aspects, integrate and spread in the socialist environment, to urge the school to run the school in the direction of high quality. Therefore, in order to build a modern environment for quality education, colleges and universities should edify students' values from multiple perspectives, So that our students can absorb the fresh learning air and give full play to all their talents in this clean learning environment.

6. Conclusion

The application of big data in higher education management has not only changed the traditional management concept, improved the scientificity and effectiveness of education decision-making, but also optimized the university education management mode including private universities, and accelerated the process of information management. However, under the current situation, college students' education management and teaching work have been inseparable from the support of big data. The rapid development of data technology has had a profound impact on the current university curriculum quality education. Based on the above problems, this paper analyzes the practical dilemma of big data integrating into the quality education of private universities based on the current situation of quality education. And draw the following conclusions:

- (1) At present, all kinds of universities have applied data technology to carry out teaching work to meet the needs of teaching development. In practice, university administrators should integrate data technology into the concept, methods and approaches of quality teaching process on university campuses for all-round replacement and improvement.
- (2) In the process of modernization transformation of university quality class, in order to get rid of the dilemma of big data integration, teachers should constantly improve their big data thinking, create a

good data exchange platform, establish a high-quality education team, reconstruct the quality education mode, and promote the innovation and reform of University Quality Education.

- (3) In order to achieve the goal of optimizing the management of curriculum quality education path, private universities must pay attention to the application of data technology, constantly improve the ways of using big data, improve the university education environment, and attach importance to student's sense of autonomy; Enhance teachers' modern consciousness and strengthen the integration of information technology; Positively carry forward the value concept and promote the optimized development of quality class; Actively seek the internal connection and create a new education platform; Strengthen the effect of personalized education and inject impetus into the cultivation of comprehensive talents in universities.

Data Availability

The experimental data used to support the findings of this study are available from the corresponding author upon request.

Conflicts of Interest

The authors declare that they have no conflicts of interest to report regarding the present study.

Acknowledgments

This work was supported by 2021 Party Construction Innovation Project of Education System of Henan Province, "Research on Strengthening the United Front Work of Private Colleges and Universities," project number: 2021--DJXM-135.

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