Research Article

Effect of Reading Activities on Children’s Mental Health under the Environment of Artificial Intelligence and Deep Learning

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The illustrations in picture books are lovely and emotional; pictures and text work together to express a theme and weave into one another to create a seamless and comprehensive visual image in picture books. Reading helps children improve for life and is an unending source of wealth in one’s life. Picture book reading has a positive effect on children’s psychological well-being since it allows them to develop different intelligences and their spiritual worlds in addition to reading stories and learning facts. This thesis investigates, against the backdrop of artificial intelligence (AI) and deep learning, the impact of reading activities on children’s psychological health. Deep learning and AI are the tools used where students can engage in a more in-depth conversation with the article and comprehend the author’s mindset and background after completing the basic reading. This can help students’ analytical, thinking, writing, and other application skills, as well as give them the opportunity to learn from and build upon their first reading accumulation. Research has shown that this method produces impressive results, and it is suited for widespread use because its reasonable strength has improved by 17.24% when compared to the conventional method.

1. Introduction

The psychological status of students as Internet natives has drawn increasing attention from society as a result of advancements in social and economic status as well as the rapid development of mobile social media [1]. Psychology is a science that investigates the rules governing psychological processes and human behavior. It is both old and new. Although the students who enter the school tend to be rational and mature in terms of knowledge and thought, they lack a profound understanding and experience of reality and have some psychological vulnerability, which leads to their psychology health questions easily because of some negative experiences [2].

Psychology health has undoubtedly emerged as a hot topic among students as a result of the constant acceleration of the present pace of life and academic pressure. As a result, an increasing number of schools have incorporated mental health education into their curricula in an effort to improve their students’ capacity for coping with and resolving psychological issues [3]. AI and psychology are both developing in comparable ways. AI tries to program computers to carry out predefined tasks in accordance with users’ needs and modes of thought; psychology is intended to study people’s thinking, emotion, consciousness, and other behaviors. Although the research contents and focuses of the two are different, there is also a close relationship between them [4]. AI, which is only a relatively general concept, includes all terms in a large number of subdomains and involves a wide range of applications. The concept of AI was first proposed in 1956, but it is not familiar to the public. The number of persons who regularly conduct physical examinations gradually rises as national health awareness increasingly improves. The physical examination center is quickly increasing with the features of rapid construction and explosive growth in order to respond to the health census of a big population [5]. The emergence and improvement of new techniques and devices such as the network also make reality
and virtual constantly intersect. Many real behaviors are recorded by electronic devices, and big data can be used for storage and analysis, such as network access and mobile phone access records. From a large number of data analysis, it can be seen that people’s behavior and psychology in the network are also related to each other, and there is a correlation between people’s personality characteristics and network behavior. The rapid advancement of technology has greatly facilitated peoples’ daily lives and work. It also exhibits complexity and particularity distinct from the prior environment in the process of deep integration with human survival and environment, which offers novel research concepts and methods for psychological research. The variety in psychological states among students makes it challenging to properly meet each student’s customised psychology health education demands, therefore psychology health education is frequently relegated to a public awareness course. In these situations, it is vital to apply technology tools to enhance college instructors’ capacity to screen, discover, and analyse students’ psychology-related health queries, allowing instructors to devote more practise time and energy to assisting students in resolving psychological problems. Emerging technologies like artificial intelligence (AI) [6–8] and big data can fill this demand.

The integration of psychology into AI is something we must pay close attention to as AI advances since it will have a significant impact on how AI is used and developed in the real world [9]. Enhancing service capacity and efficiency as well as enhancing examinee satisfaction have emerged as the health examination center’s main survival concerns in the face of increasingly harsh peer rivalry. One such instance of the health management center’s work process is the manual filling out of paper physical examination forms during the physical examination. This particular manifestation of the process reflects the traits of the conventional physical examination work mode, including a complicated process, a high manual participation rate, low efficiency, and a high error rate [10]. In order to improve the relevance and efficiency of psychology health education, colleges and universities have gradually started to investigate the application of AI and big data to students’ psychology health education. The innovation of this paper lies in: (1) this thesis introduces the importance of deep learning in reading. This thesis studies the effect of reading activities on children’s psychology health under the background of AI and deep learning. Therefore, we need to explain the question of deep learning on reading. The reading activity we studied is produced under the condition of deep learning, so this question is explained here. (2) This thesis introduces the influence of picture book reading on children’s psychology health. The next is to introduce the role of reading activities on children’s psychology health. This is also the research direction of our topic, so it is discussed here. Explain the benefits of picture books for children’s psychology health. (3) The means and results are introduced. Lead the readers to discuss the means and results of this paper. If the research results are directly stated, the readers may not understand them. So it is necessary to explain here. Here, the means and results are explained to the reader.

2. Related Work

From the standpoint of empirical study, Koenen et al. hypothesised that there is a correlation between personality traits and Internet behavior [11]. Through the analysis of network behavior’s time-frequency, Oram et al. presented a new method to identify depression [12]. According to Nahata et al. [13], using a “social networking sites” is more likely to be associated with an extrovert personality and less likely to be associated with a conscientious personality.

Hoagwood et al. suggested using the neural networks to establish an expert system to identify MSSA patients [14]. Wood et al. suggested that a higher level of involvement in smart devices is associated with a higher level of depression, which indicates that the close relationship between users and smart devices has a certain predictive effect on their own depression and anxiety levels [15]. Schaefer et al. developed a mathematical model for the neural network-based prediction system of college students’ psychological health, which served as the foundation for the prediction of psychology health to some extent [16]. According to Woodward et al. [17], there is a strong association between psychological state and multidimensional smartphone use behavior characteristics such using the phone, SMS, and applications. To forecast psychology and health questions using network usage patterns, Afifi et al. suggested an algorithm [18]. According to Oliveira et al.’s theory [19], there are behavioral cues that can convey the subject’s psychological traits in a private space environment. Paz and Wallander proposed creating a mathematical model to assess the state of psychology using fuzzy mathematics and neural networks, and the results of the verification were promising [20]. Chen et al. proposed to forecast the user’s basic characteristics, such as gender, age, level of happiness, and race, based on the person’s preferences, as well as predict and analyse the delicate subject of sexual orientation, with a classification accuracy of more than 85% [21]. Riley et al. recommended looking into how search behavior and personality traits are related, and she also sought to figure out how to use search behavior to assess personality [22]. Bas Sarmiento et al. proposed to establish a regression prediction model based on the behavior characteristics of Weibo for the five dimensions of the big five personality: agreeableness, conscientiousness, extroversion, openness, and neuroticism. The correlation coefficient between the predicted score and the real score is above medium [23].

In recent years, a series of psychology health questions such as anxiety, depression, inferiority complex, and interpersonal sensitivity have frequently occurred in the student group, and even the idea of suicide has occurred. This has a very serious negative impact on individuals, families, and society. With the improvement of technique, especially the rapid improvement of AI in recent years, it has brought new ideas to the research and application of psychology. The ecological behavior data obtained by AI and big data improves the internal and external validity of the research results. This thesis studies the effect of reading activities on children’s psychology health under the background of AI and deep learning.
3. Deep Learning and Reading

3.1. Deep Learning for Reading. Common classroom teaching practises include setting up specific question situations to encourage student participation in class discussions, pique their curiosity about the material, test their capacity for critical thought, and ultimately help them develop their fundamental skills. In the past two years, the term “deep learning” has gained popularity. Deep learning has been mentioned in the teaching theory and practise research due to the ongoing curriculum reform and the usage of unified textbooks, and numerous deep learning classroom-teaching changes have appeared. Deep reading is to enable students to have a deeper dialogue with the article after basic reading and understand the author’s mood and background at that time. This can promote the improvement of students’ application ability in analysis, thinking, judgment, writing, and other aspects, and enable students to discover and create on the original reading accumulation. The so-called deep learning refers to the learning in which students comprehensively use various reading means to understand, apply, and construct under the guidance of teachers. Carry out in-depth learning in reading teaching, enable students to carry out independent and cooperative inquiry learning under the guidance of teachers, promote level by level, and change fragmented and superficial learning into systematic and structured learning, so as to achieve effective transformation of learning means and practical improvement of learning ability. True learning and deep learning are based on the ability to learn. Only a clear learning task does not necessarily allow students to learn truly and deeply. The key to deep learning is to provide students with learning tools so that they can learn and learn. The question situation of promoting deep learning is a teaching strategy that teachers transform valuable teaching contents into a key question to be solved according to specific teaching objectives and students’ cognitive characteristics and then guide and promote students’ learning. The use of the concept of “question situation” to represent the question itself is intended to highlight that the questions in classroom learning are actually “situational”, and the questions arise in a certain “context context”.

Deep learning is a thinking process of “high-level learning” which is deeply involved relatively to shallow learning; in the way, it is a meaningful learning transfer activity around the theme under the guidance of teachers; in terms of goal orientation, it emphasizes the cultivation of students’ perception, thinking, and innovation. In reading teaching, teachers should encourage students to break the original thinking pattern, dare to question the understanding of each word and understand the specific advantages of the words selected by the author. Students’ learning status is not only the source and starting point of the question, but also the end result of the question. That is to say, the question situation to promote deep learning is created based on, through, and for students. It can also be said that question creation is a process of “coming from students”, “passing through students”, and finally “returning to students”. The so-called “from students” means that the question is not “imagined” by the teacher, but determined according to the actual learning situation of the students, specific learning objectives, text characteristics, and other elements.

Deep learning is to make generalization, reasoning, analysis, synthesis, evaluation, and effectively participating in learning, which is the fundamental difference between deep learning and superficial learning. It also inevitably requires teachers to make efforts to change the previous situation of single teaching, content understanding, and scattered training in teaching, so that students, as learning subjects, can experience the process of input, discovery, experience, construction, application, innovation, sharing, and development in reading. Reading is an essential content in classroom teaching. However, the necessary text reading of each lesson mostly stays in the superficial cognition of the content in the actual teaching, lacking the deep thinking and perception of the text content and language. We should lead the students’ thinking to a deeper level, compare and explore layer by layer. The students not only obtain the means of expression, but also deepen their thoughts and sublimate their emotions in the deep comparison.

3.2. Influence of Picture Book Reading on children’s Psychology Health. Human’s psychology health education is an increasingly concerned by the society. As a basic education, preschool education pays more attention to children’s psychology health. Excellent children’s picture books can provide children with real or near real life experience, so that children can get the opportunity to vent their inner emotions and learn to look at questions from different perspectives. Picture books is a film starring pictures and words. Also known as “picture books”, it is a book created by taking pictures as the main or only narrative mode. Picture books are not equal to “books with pictures”. The picture language appears earlier than the written language, and is more intuitive, which conforms to the characteristics of children’s image thinking. Picture book reading is mainly based on pictures, which mainly shows the story with the help of pictures. Children can “read” and understand the meaning before they can read. Excellent picture books contain rich connotations and can promote children to actively transition from picture reading to pure text reading.

Picture books are different from ordinary books. Compared with ordinary books, picture books have a combination of rich patterns and beautiful words. Children’s strong curiosity makes them keenly observe the visual elements of the page, which opens the door to a new world and also arouses their curiosity and interest in fast reading. Therefore, for children, children’s picture books should not be regarded as pure paper, but should be regarded as an enlightening teacher for children to explore, discover, and grow. The final improvement of children’s reading ability is mainly reflected in the establishment of children’s independent reading awareness and the acquisition of their ability. Therefore, in the process of reading guidance, children should pay attention to their independent reading, so that they can read independently with questions, observe and feel themselves, obtain the information of pictures and words in the picture book, and gain the experience of orderly reading. Then, they
should use the courseware to read the main plots and pictures, understand the theme of the picture book. This is an inevitable way for children to experience. In the process of reading, while looking at the pictures and listening to the stories, you can ask questions about the contents of the pictures. However, such questions are often interrupted by children, which also shows that children have their own ideas or questions about the story. Excellent picture books are like good friends who accompany children. They can help children overcome their inferiority complex, learn to experience deep love, and understand gratitude.

Children can experience the charm and beauty of the world more quickly and learn how to manage friendship connections faster thanks to the presentation of amazing stories in picture books. Children can simultaneously develop their vision and ability through picture book stories and cultivate their capacity for moral judgment, allowing them to progressively mature into a good and attractive adolescent. Excellent picture books for kids frequently include lovely illustrations and insightful themes, which can edify kids in lovely ways. Picture books have a great aesthetic value as a whole. It fuses the exterior formal beauty created by the creative concepts of colours, lines, composition, and literature’s use of words, phrases, and structures. Additionally, it has interior beauty that is displayed by the works’ contents. In our culture, young people are as pure as white paper. The picture books’ lovely illustrations and clear, evocative language might help kids develop eyes that can recognise beauty. The tenderness and beauty depicted in picture books can also encourage youngsters to look forward to
Simulation results

Test data

Traditional method

The method of this paper

Figure 3: Simulation test diagram.

Running time of different minimum support thresholds.

Minimum support threshold

Figure 4: Running time of different minimum support thresholds.

Comparison before and after error.

Figure 5: Comparison before and after error.
Table 1: Psychological counseling behavior simulation chart.

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Table 2: Simulation diagram of increasing strategy strength.

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4. Methods and Results

4.1. Artificial Intelligence and Deep Learning. AI is originally a machine simulation of human intelligence activities, but it always brings people new enlightenment on human brain cognitive activities, thus promoting the research and improvement of human intelligence and education. In 2006, the concept of “deep learning” in AI was put forward, and in the 1970s, the discussion of deep learning in education began in full swing. AI is a brand-new science and technology, which is a theory and application system used to simulate and expand human intelligence. It can be said that it is a program that can “learn”. AI’s theory is very much like the means of this paper. The examinee holds a positive attitude towards the factor set that has been selected. The vital factors selected each time are the superposition of the previous vital factors, which are \( q, 2q, 3q \), respectively, and so on.

In the factor set, select \( q \) subsets that are considered the most vital by the subjects, that is, \( p_1 = q \) factors from \( f \),

\[
f_{1}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_q}^{(j)}\} \subset f.
\]

In the factor set, select the \( 2q \) subsets that the subjects consider most vital, that is, \( p_s = sq \) factors from \( f \),

\[
f_{2}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_{2q}}^{(j)}, \ldots, f_{i_{sq}}^{(j)}\} \supset f_{1}^{(j)}.
\]

It can be seen from Formula (1) and Formula (2) that \( f_{i}^{(j)} \supset f_{i}^{(j)} \). According to this means, the examinee holds a positive attitude towards the factor set that has been selected. The vital factors selected each time are the superposition of the previous vital factors, which are \( q, 2q, 3q \), respectively, and so on.

In the factor set, select the \( sq \) subsets that the subjects think are most vital, that is, select \( p_s = sq \) factors from \( f \).

\[
f_{3}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_{sq}}^{(j)}\} \supset f_{2}^{(j)}.
\]

It is considered that \( n = iq + r, 1 \leq r \leq q \), if it is consistent, the experiment is ended; if it does not meet the requirements, continue the test until it meets the requirements. Complete the iteration, step \( i + q \) is

\[
f_{i+q}^{(j)} = f.
\]

Then, the coverage frequency of \( f_{i}, i = 1, \ldots, n \) is calculated

\[
m(f_{i}) = \frac{1}{18(i+1)} \sum_{i=1}^{18} C f_{i}^{(j)}(f_{i}).
\]

\((C \text{ is the characteristic function)}\), normalized to

\[
a_{i} = m(f_{i}) / \sum_{i=1}^{n} m(f_{i}),
\]

\[
A = (a_{1}, a_{2}, a_{3}, a_{4}).
\]

Then Equation (7) is the final weight distribution.

Deep learning is mainly to learn multilevel representations by building deep structures, not specifically referring to a machine learning algorithm or model, but a technique. Human beings always start from concrete facts and phenomena, first learn simpler concepts, then use them to express more abstract concepts, and gradually organize the philosophy knowledge. At present, the main task of almost all AI research institutions is to enable machines to be competent for some complex tasks that require human brain intelligence.

On the distribution of the weight A, 25 students were given three memory free iterative statistical experiments. An initial value \( q = 1, 1 \leq q \leq 4 \) is selected. The experiment of memoryless statistical iteration was carried out on the \( j \) th individual \( (j = 1, 2, \ldots, 25) \), as follows:

In the factor set, select \( q \) subsets that are considered the most vital by the subjects, that is, \( p_1 = q \) factors from \( f \),

\[
f_{1}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_q}^{(j)}\} \subset f.
\]

In the factor set, select the \( 2q \) subsets that the subjects consider most vital, that is, \( p_s = sq \) factors from \( f \),

\[
f_{2}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_{2q}}^{(j)}, \ldots, f_{i_{sq}}^{(j)}\} \supset f_{1}^{(j)}.
\]

It can be seen from Formula (1) and Formula (2) that \( f_{i}^{(j)} \supset f_{i}^{(j)} \). According to this means, the examinee holds a positive attitude towards the factor set that has been selected. The vital factors selected each time are the superposition of the previous vital factors, which are \( q, 2q, 3q \), respectively, and so on.

In the factor set, select the \( sq \) subsets that the subjects think are most vital, that is, select \( p_s = sq \) factors from \( f \).

\[
f_{3}^{(j)} = \{f_{i_1}^{(j)}, f_{i_2}^{(j)}, \ldots, f_{i_{sq}}^{(j)}\} \supset f_{2}^{(j)}.
\]

It is considered that \( n = iq + r, 1 \leq r \leq q \), if it is consistent, the experiment is ended; if it does not meet the requirements, continue the test until it meets the requirements. Complete the iteration, step \( i + q \) is

\[
f_{i+q}^{(j)} = f.
\]

Then, the coverage frequency of \( f_{i}, i = 1, \ldots, n \) is calculated

\[
m(f_{i}) = \frac{1}{18(i+1)} \sum_{i=1}^{18} C f_{i}^{(j)}(f_{i}).
\]

\((C \text{ is the characteristic function)}\), normalized to

\[
a_{i} = m(f_{i}) / \sum_{i=1}^{n} m(f_{i}),
\]

\[
A = (a_{1}, a_{2}, a_{3}, a_{4}).
\]

Then Equation (7) is the final weight distribution.

Deep learning is mainly to learn multilevel representations by building deep structures, not specifically referring to a machine learning algorithm or model, but a technique. Human beings always start from concrete facts and phenomena, first learn simpler concepts, then use them to express more abstract concepts, and gradually organize the
conceptual system to form a cognitive structure. The effective cognitive process is to abstract and generalize layer by layer, and gradually build a more efficient sequenced depth framework from shallow to deep. In 2006, the deep confidence network was proposed. This model solved the question of deep neural network training and made deep learning achieve proud results. After that, deep learning developed rapidly and various models emerged in endlessly, such as confidence neural network, self-encoder, convolutional neural network, and cyclic neural network. These four models constituted the early deep learning model, and AI research has been on the right track since then.

The information gain is calculated on the basis of information entropy, which is shown in Formula (8).

$$\text{Entropy}(D) = -\sum_{i=1}^{m} P_i \log_2 P_i.$$  \hspace{1cm} (8)

Where $m$ represents the number of categories in the data set $D$, $P_i$ represents the probability of the $i$th category, and the smaller the value of $\text{Entropy}(D)$, the higher the purity of $D$.

If the attribute $a$ in the data set is used for division, the information entropy $D^a$ divided by the attribute $a$ can be calculated according to the Formula (8) for the possible value $V = \{a_1, a_2, a_3, \ldots, a^n\}$ of $a$. Since the number of samples included in each value $a$ is different, the weight $|D^a|/|D|$ is added to each branch node. When the data set is divided by the attribute $a$, the information gain of the sample set $D$ can be calculated according to the

$$\text{Gain}(D, a) = \text{Entropy}(D) - \sum_{v=1}^{V} \frac{|D^a|}{|D|} \text{Entropy}(D^a).$$  \hspace{1cm} (9)

Next, determine the attribute's information gain and choose the one whose gain exceeds the average value. Finally, choose the attribute with the highest gain rate among these attributes for division.

$$\text{Gain_{ratio}}(D, a) = \frac{\text{Gain}(D, a)}{SI(a)},$$  \hspace{1cm} (10)

Wherein

$$SI(a) = -\sum_{v=1}^{V} \frac{|D^a|}{|D|} \log_2 \frac{|D^a|}{|D|}. $$  \hspace{1cm} (11)

The depth of cognitive processing determines the quality of knowledge, and the level of knowledge quality restricts the ability of using knowledge to solve practical questions. Deep learning is established on the basis of shallow learning. Through memory and understanding of knowledge, it realizes the conceptual transformation of knowledge structure in the process of mutual construction with knowledge situation. It has more hidden layers than the traditional neural network, uses more network layers to simulate the learning mechanism of the brain, and overcomes the difficulty of training the traditional neural network algorithm in the multilayer situation. Constructivist learning theory believes that deep learning requires learners to activate their own preconceptions, that is, the existing experience knowledge and scientific knowledge foundation of the new curriculum teaching preschool students. At the same time, we need to construct meaningful, negotiable, and conversational question situations from the outside to solve non-well-structured questions. Only by integrating students’ preconceptions and deepening students’ cognition and

### Table 3: Interpersonal relationship simulation diagram.

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![Figure 6: Psychological counseling behavior simulation diagram.](image)
understanding of what they have learned, can they better extract and apply knowledge and reconstruct their original knowledge system.

4.2. Results and Discussion. The psychology health concerns of students are becoming more and more prevalent, and the state of psychology health is concerning, given the intense competition and mounting pressure of living in today's society. Numerous pupils in the student body are compelled by severe psychological obstacles or psychosis to stop attending school, drop out, hurt or kill themselves, break the law, or even commit crimes. Students will suffer major repercussions if psychological variables have an impact on their overall improvement as the driving force behind the future development of the nation and society. The range of diseases that citizens are affected by is expanding daily even as the country’s economy has experienced remarkable progress. There are many diseases in the population that are psychologically associated. These psychiatric illnesses have the potential to affect everyone and have a wide range of negative impacts. Thus, the importance of psychology to health has been recognised by the nation’s public health authorities. Numerous factors, many of which are connected, may have an impact on the students’ psychological health. As a result, it is hard to forecast pupils’ psychological well-being. It can be seen from Figures 3–5 that this means can achieve the data fitting effect more quickly.

Mental health questions have serious harm. For individuals, psychology health questions will have some negative effects on individuals, make their adaptability in society worse, and even pose a serious threat to their physical health. Obviously, the psychology health questions of students have been attached great importance by relevant units. At present, a large number of students choose to drop out of school. With the rapid improvement of the national economy and the steady progress of public welfare undertakings, material is no longer the main reason for their dropout, but from psychology health questions. The all-round improvement of morality, intelligence, physique, art, and labor plays a key role in the life of students. At present, the state has
strenthened the psychology health education for school students, and there are many discussions about it. However, due to various external reasons, the psychology health education for students has become the main part of school mental education. The use of school psychology health education for student groups, however, is not very strong. An artificial neural network technique has been created recently with reference to biological neural networks as a new sort of intelligent information system. It has answered a lot of complex causality-related concerns in practical applications. Students cannot properly balance and develop all elements of their skills, cope with interpersonal connections in a healthy way, and increase their quality in the greatest space without a healthy and reasonable psychological state. Tables 1–3 and Figures 6–8 show that the methods used in this study produced impressive results and that the reasonable strength has improved by 17.24% in comparison to the conventional methods, making them appropriate for widespread application.

The current psychology health scale needs to be specifically improved, and the changes should be in line with the actual circumstances of the national student group and have a specific theoretical foundation, given the country’s ongoing improvement and the current stage of self-improvement of national students. Targeted measuring technologies are more accurate at predicting pupils’ psychological wellbeing. The digital campus is rapidly growing as the Internet era gets underway. The student management system gradually compiles information about the campus life and academic performance of the students. These enormous statistics give us more information and a better understanding of the conduct of the kids. Data mining has gained a lot of interest as a novel data analysis technique and has been successfully used in many domains.

5. Conclusion

Children’s picture books cannot be simply regarded as showing the story with some illustrations of children’s painting style. It is a comprehensive reflection of children’s psychological needs, aesthetic characteristics, imagination, artistic style, and presentation ability of picture book creators. Excellent reading materials are full of creative spirit. Through reading, children can understand, imagine, and create and turn the great truth into a small story in life. With the continuous progress of society, psychological quality has become more important than before. Students are the future main force of the country, and they must have good psychological quality. Using AI big data technique can help us to study the psychological and behavioral laws of individuals and groups in a more ecological way. AI assisted treatment of mental diseases is a change from traditional treatment to innovative mode. It makes the medical industry more streamlined, but it will bring great opportunities and challenges to the medical industry. Through research, this means has achieved remarkable results, and the reasonable strength has increased by 17.24% compared with the traditional means, which is suitable for wide application.

Data Availability

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

Conflicts of Interest

The author does not have any possible conflicts of interest.

References


