Advantages And Disadvantages Of Artificial Intelligence In Business English Teaching

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Abstract： In the context of the continuous improvement of the quality of artificial intelligence technology and smart device technology, artificial intelligence has developed rapidly. At present, my country's artificial intelligence technology has made major breakthroughs. Not only has it changed students' traditional learning methods, but it has also promoted the innovation of teachers' teaching methods and methods. Over the years, everyone has reached a consensus that business English is an internationally recognized language. As a professional business English, Business English aims to adapt to the language requirements of workplace life, and its content involves all aspects of business activities. In this regard, domestic universities should conform to the trend of the times and the learning needs of students, and integrate artificial intelligence elements as much as possible within the scope of professional teaching. The purpose of this article is to study the slight analysis of artificial intelligence in business English teaching. This article uses literature methods to search for keyword-related documents such as artificial intelligence teaching. Comparing the current artificial intelligence technical ability training in China with the existing research of domestic scholars, and conducting an inductive analysis. It briefly analyzes the connotation of the artificial intelligence technology and the problems to be solved. Then it discusses the development of artificial intelligence technology in business English learning, and finally analyzes the advantages and disadvantages of artificial intelligence technology from two aspects of business English listening and translation.

1. Introduction

In today's era, artificial intelligence technology has made important research breakthroughs in the field of education and teaching. At present, the accuracy of the world's leading artificial intelligence speech recognition technology has reached a very high level. This speech recognition technology is widely used in all aspects of our lives [1,2]. In modern society, machines can not only understand people's language, but also give them full feedback. Artificial intelligence has brought new ideas and breakthroughs to human learning methods [3-5]. Of course, it also brings challenges and opportunities to all aspects of teaching.

There are still many problems in the construction of business English major. For example, backward teaching methods and insufficient professional teachers make it difficult for well-trained students to meet the needs of employers [6]. Machine translation in the field of artificial intelligence, natural language understanding and speech recognition technology are all closely related to language learning. Machines can not only understand human language, but also make quick feedback [7,8]. Applying speech recognition technology to business English teaching can effectively support learners' listening and speaking practice. For the current business English teaching activities, teachers do not have a clear understanding of the training goals of business talents, and teachers do not understand the socio-economic development direction of business talents [9,10]. First, the training objectives of business English teaching talents are not combined with regional economic development activities. The combination of business English talent training objectives and regional economy is to change the existing talent training concepts and methods [11].

Business English is a compound theme that emphasizes practice. The focus of the business

English major is listening, speaking and translation skills. Facing the advent of the era of artificial intelligence in education, the attitude that foreign language teachers should adopt is an issue that must be considered. Based on this, this study designed a business English teaching questionnaire in the context of big data and artificial intelligence on the basis of literature research, and conducted questionnaire surveys and interviews in colleges and universities to understand the current situation of English teachers. Research the understanding and attitude of artificial intelligence, and analyze the advantages and disadvantages of intelligent language learning tools in business English teaching.

2. The basic content of artificial intelligence in business English teaching

2.1. Artificial intelligence technical connotation

Artificial intelligence technology is a technology that studies human intelligence, behavior patterns and behavior laws. It is based on the theory of artificial intelligence information processing, so it is very important to design a computing system similar to human behavior. The main research of artificial intelligence technology is to realize the intelligent operation of the machine through the intelligent imitation of human beings by the computer system. Artificial intelligence includes two levels, one is theoretical research and the other is engineering research. The theoretical research of artificial intelligence lays a theoretical foundation for engineering research, and explores the artificial intelligence of machines on a theoretical level. Artificial intelligence engineering research is mainly used for product development and design of artificial intelligence systems and equipment. Whether it is theoretical research or engineering research, neither is independent. They are inextricably linked. They jointly solve the intelligent information storage and internal information processing and intelligent symbol processing functions to achieve the input and output of information. Intelligent problem recognition and processing capabilities provide humans with solutions to artificial intelligence problems.

2.2. Opportunities brought by artificial intelligence to business English teaching

The rapid development of artificial intelligence technology has promoted the innovation of business English learning methods. Traditional business English teaching methods and learning methods can no longer adapt to the increasingly updated technical culture, and a new ecology and new paradigm for business English teaching must be reconstructed. Undifferentiated teaching under the unified teaching task cannot obtain real-time feedback from students at the level of knowledge mastery, students rarely have the opportunity to apply it, and teaching and learning have not formed a good cycle. Using advanced artificial intelligence technology makes personalized and precise education possible. Artificial intelligence can rely on big data to track and record various data of learners, and model, analyze and evaluate learners. Effectively intervene learners and provide data support for teachers to improve teaching methods and strategies. It also plays an important role in promoting innovation and reform of business English teaching models. Effective use of artificial intelligence technology in a complex language environment is of great significance for effectively improving the quality of education.
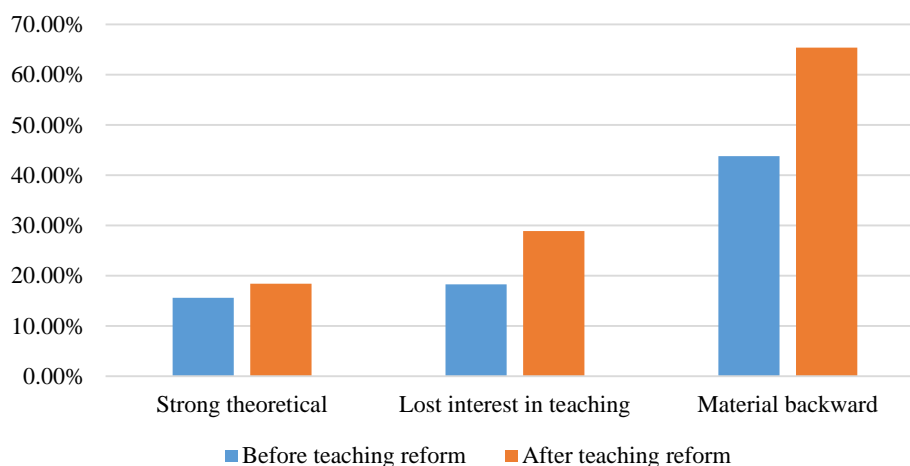
3. Experiment

This article collects and analyzes the research done by seniors in improving teachers' artificial intelligence skills. In this article, we search for keywords such as artificial intelligence and modern business teaching through literature. Download and collate relevant documents on relevant websites, systematically analyze the existing relevant research at home and abroad, compare the current research on artificial intelligence technology capabilities in my country and the existing research of domestic scholars, and conduct an inductive analysis. And according to the national plan, the Ministry of Education documents and related ability standards and curriculum standards, in the context of artificial intelligence to study the teaching ability of teachers to improve the relevant literature. Design related questionnaires according to the research theme and purpose, and organize

the collected questionnaires to find out the method to solve the problem. On the basis of collating the literature, the author designed a questionnaire on the current status of the application capabilities of artificial intelligence technology, and made statistics on the survey results to analyze the theme of this article. Based on the questionnaire survey, this article conducted a close interview with the training teachers and the teaching and research personnel related to the training, and systematically analyzed the pros and cons of artificial intelligence in business English teaching.

4. Analysis of the advantages and disadvantages of artificial intelligence in the training of business English talents

4.1. Disadvantages of artificial intelligence in the cultivation of business English majors in colleges and universities

Although the government and schools attach great importance to integrating artificial intelligence into business English education, most ideas are implemented at the professional level. The main reason is that when universities formulate talent training programs, the training of artificial intelligence awareness and ability has not been really incorporated into vocational education, which has affected the development of professional talent training objects. If the training goal of artificial intelligence is not included in the professional education plan, innovation and entrepreneurship education will be difficult to proceed smoothly. At present, some colleges and universities have not fully realized the importance of students' innovation and entrepreneurship education, and usually just hold some lectures to cultivate students' artificial intelligence capabilities and awareness, and rarely incorporate artificial intelligence education into the professional curriculum system. In most business English professional colleges, artificial intelligence education is to create some courses related to artificial intelligence on the basis of the original business English courses. However, in general, these courses have little to do with professional courses, they are two independent courses, there is no penetration and good integration. Artificial intelligence education is only a superficial form, which is not conducive to the development of artificial intelligence training thinking. Figure 1 shows the main comparison of the disadvantages of artificial intelligence in the cultivation of college business English majors.
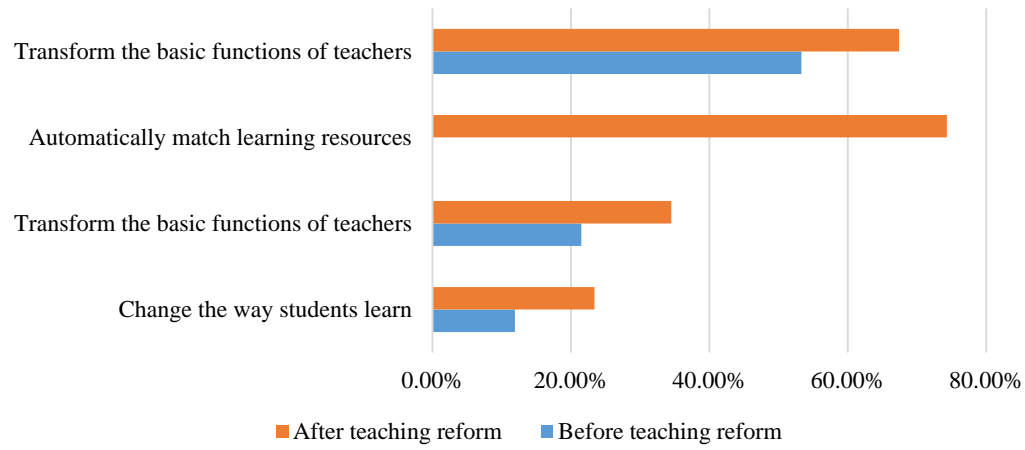

Figure 1. The main comparison of the disadvantages of artificial intelligence in the cultivation of business English majors in colleges and universities

In the course setting of college business English majors, there is a lack of practical teaching links to cultivate the spirit of artificial intelligence. Therefore, the practice link is relatively weak. Although some universities have carried out some artificial intelligence ideological education activities, due to various factors and conditions, the artificial intelligence ideological education level is low. The cultivation and practice of artificial intelligence thinking ability are inseparable. Because there is no practical link, it is difficult for students to truly experience artificial intelligence thinking, which is not conducive to promoting the development of students' artificial intelligence. Since the

time for integrating artificial intelligence ideas into educational development in my country is not long enough, the teacher reserves are insufficient. However, for teachers, it is very difficult to cultivate artificial intelligence thinking into the spirit of business English education. Teachers must not only have professional knowledge and skills, but also basic knowledge of artificial intelligence. At present, many artificial intelligence education courses are not mature enough. In the teaching process, they only emphasize theoretical teaching, which affects the teaching effect.

4.2. Analysis of the advantages of artificial intelligence in the cultivation of business English majors in colleges and universities

The emergence of artificial intelligence has changed the basic intelligence of teachers. In traditional business English teaching, teachers usually teach students by communicating with them. In the application of artificial intelligence products, students can assess their learning situation, thereby reducing the time burden of teachers to correct their homework, and teachers have more time to understand the students' learning situation, adjust teaching methods in time, and teach according to their own abilities. Adopt one-to-one teaching method to improve teaching quality. Artificial intelligence has effectively solved the problems faced by teachers in college reforms, improved the teaching of student resources, and made up for the defects in college business English teaching. The specific usage of artificial intelligence in business English is shown in Figure 2.

Figure 2. Use of artificial intelligence in business English

Most English teachers accept and recognize big data and artificial intelligence. In the face of innovation in teaching technology, they can respond to challenges with a positive attitude, view change as an opportunity for development, and seek innovative development in the process of change. As can be seen from Figure 2, only 18.45% was used before the artificial intelligence teaching. It can be seen from this that although most teachers have realized the importance of big data and artificial intelligence, they are rarely used in actual teaching and are far from ideal. The reason is related to the traditional teaching model and teaching concept of long-term teachers. Only by breaking through the inherent teaching ideas and actively using new technologies can teachers achieve a fundamental transformation of the English classroom teaching model. According to their class requirements, business English teachers assign corresponding writing tasks to students, which is the main feature of the application of artificial intelligence technology in business English teaching. The main understanding is that it can be applied to the correction of business English composition. After receiving the teaching layout requirements, students can write articles in the intelligent composition system, complete the writing tasks arranged by the teacher according to the vocabulary content provided by the system, and then submit them to the artificial intelligence technology system for evaluation. In the whole process of artificial intelligence university business English listening teaching, teachers only need to analyze and guide students' listening skills. Appropriately intervene in students' listening behaviors, track and feedback students' listening effects. Table 1 shows the specific course classifications required by Business English.

Table 1. Specific course categories required by Business English

course sorts	training content
Basic literacy courses	Common business English in daily work and ability to apply basic resources
Comprehensive courses	How to implement classroom teaching and learning in different information-based teaching environments
Artificial intelligence special courses	Ability to use information technology to solve specific business English teaching
Teacher Professional Development Courses	Courses to enhance your professional development skills

The emergence of educational robots provides full support for creating a true business English learning atmosphere. Great convenience, and increase the fun of students learning business English. The ultimate goal of business oral English learning is to achieve smooth communication. Introducing artificial intelligence technology into business English teaching, first of all, it can realize peer exercises. Artificial intelligence robots can create a business English learning environment for students and communicate with partners and other students. Through human-machine dialogue, we can not only avoid embarrassment in practice, but also improve our oral English quickly. Teachers and students can perform group exercises remotely. Intelligent robots can act as teaching assistants, providing some sentence patterns and fixed collocations for practice activities, which is convenient for group members to practice.

Conclusion

The continuous development of artificial intelligence education technology has brought convenience to business English teaching. First, the complexity of natural language learning provides a useful place for artificial intelligence, which can promote individual learning, provide dynamic learning feedback information and improve learning efficiency. Second, artificial intelligence can promote the use of language learning. Analyzing the advantages and disadvantages of artificial intelligence in business English teaching can improve the disadvantages of business English teaching. The combination of artificial intelligence and business English teaching to improve the business English learning experience has also changed the function of teachers. The quality of business English teaching has promoted the transformation of business English teaching. The emergence of artificial intelligence puts English teachers at a turning point in their own development. First-line English teachers should have the attitude that the transformation of contemporary business English classroom teaching is a historical necessity. From simple and repeated business English teaching, we must keep up with the trend of the times. Using artificial intelligence it can invest more time in the teaching process and become more energetic. Make full use of artificial intelligence technology to strengthen the in-depth and effective development of students' business English teaching.

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