Study on the Training mode of Accounting Talents under the Background of Artificial Intelligence

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Abstract: Now the speed of social and economic development is faster and faster, the development of science and technology is also fast and the speed of artificial intelligence technology development quickens. All of these promote the rapid development and progress of accounting. This paper tries to analyze and study the education and training mode of accounting talents under the premise of artificial intelligence, put forward the goal of training accounting talents, promote the integrity of accounting teaching system, and explore the optimization and improvement of accounting teaching mode.

Keywords: Artificial Intelligence; Accounting; Talent Training Mode

1. Introduction

With the rapid development of the Internet and technology, artificial intelligence has gradually entered people's work and life. Artificial intelligence has played a great role in the development and progress of the accounting field. However, artificial intelligence is basically the product of human research and cannot completely replace the status of artificial. Even so, the application of artificial intelligence in the accounting field is also the reform and innovation of the accounting field. This requires accountant to have higher comprehensive quality ability.

2. Artificial intelligence technology and its impact on accounting

2.1 Overview of artificial intelligence technology

Science and technology change with each passing day, IT technology is in ceaseless innovation. Now, artificial intelligence has been applied in medical treatment, intelligent prediction and other aspects, and there are many new fields to be explored. At the beginning, people could only use the computing technology they had mastered to carry out very simple data calculation. Up to now, computing technology has been able to make decisions and learn on its own initiative, as well as to process data intelligently. Now, with artificial intelligence as a new technical discipline, it has been able to participate in more and more work. This is mainly because artificial intelligence already has the ability of speech recognition, image recognition and deep learning. Artificial intelligence can carry out in-depth research, as well as some tasks that cannot be completed by human beings. Therefore, artificial intelligence plays a very important role in people's life and work.

The global report on the development of artificial intelligence proposes that in the future artificial intelligence will penetrate into various fields, gradually exert the advantages of artificial intelligence, and comprehensively promote the development and progress of society[1].
2.2 The center of accounting work changes

At present, due to the development and progress of artificial intelligence technology, the accounting industry has also developed a lot of intelligent financial software. These financial software can not only reduce the burden of financial staff, but also enable financial staff to put more energy into the work of money management.

In the current accounting industry, about 80% of the basic repetitive financial work is gradually replaced by artificial intelligence, which may lead to unmanaged situation. But this will not leave the accountant without work to do, on the contrary, it will show the importance of the accountant. Accountants can promote the integration of financial and business work.

2.3 Improve the efficiency of accounting work

With the rapid development of China's economy, various rules and regulations of the accounting industry are becoming more and more complex, and the data that need to be calculated are also increasing, which leads to the increasing burden of accountants. Accountants need to complete a lot of work in a very short time, but there is no time to improve their ability. However, the application of artificial intelligence in the accounting industry can automatically identify and input data, and carry out data processing and statistics, which takes place of the basic, repetitive and occupied accounting work. Artificial intelligence has high computing power, which human beings can never match. As the working efficiency of artificial intelligence is very high, it can reduce the workload of accounting personnel and also save time[2].

2.4 Improve the quality of accounting work

Before the application of artificial intelligence in the field of accounting, most of the time and energy of accountants were spent on data calculation, which led to low work efficiency and limited the development and progress of the accounting industry. In recent years, the application of artificial intelligence in the accounting industry is more and more extensive, more and more in-depth, which can help accountants to efficiently process financial data. At the same time, it also requires accountants to use financial software scientifically to ensure the authenticity and reliability of accounting work and promote the development and progress of the accounting industry.

3. Optimization strategy of accounting talent training mode under the background of artificial intelligence

3.1 Change the objectives of talent training

The national standard for the teaching quality of undergraduate majors of ordinary institutions of higher learning issued by the state proposes a new goal for the cultivation of accounting talents, which mainly requires accounting talents to have higher humanistic quality, scientific and honest quality, and be comprehensive talents integrating application, compound, extroversion and innovation.

Therefore, in the current environment of artificial intelligence, colleges and universities should focus on cultivating students' comprehensive ability for the purpose of meeting market demand, and aim at improving students' intelligence, financial intelligence and emotional intelligence, so as to train students into comprehensive accounting talents integrating management, compound, application and internationalization. Schools should improve students' personal ability comprehensively, so that they can better adapt to the rapid development of social situation.

3.2 Strengthen management accounting training

In order to further improve the training quality and level of accounting talents, colleges and universities can increase accounting courses and link the curriculum arrangement with the training objectives of accounting talents. Although the work efficiency of artificial intelligence is relatively high, it cannot work consciously and actively, which does not have the ability of innovative thinking and is always in a passive state of work. AI cannot communicate with customers or superiors, solve emergencies or analyze interpersonal relationships. Therefore, colleges and universities
should give full play to their resource advantages, increase relevant courses of management accounting, such as cost control and performance assessment, and further try to cultivate the management ability of accounting talents to fully develop students' potential.

3.3 Introduce intelligence into the classroom

In order to better adapt to the artificial intelligence environment, it is necessary to further improve the accounting teaching system and optimize the curriculum, especially to change and innovate the traditional accounting courses. The curriculum setting and the training plan of accounting talents should be market-oriented, and more composite management and practical courses related to information and intelligent new technologies should be offered[3].

In addition, the school should put emphasis on enhancing student's comprehensive quality ability and the humanities quality, to try to change and adjust the accounting expertise, further improve the proportion of management accounting, financial accounting and cost accounting integration. At the same time, we should combine the development needs of students to develop a hierarchical education model.

3.4 Broaden the field of accounting teaching

The application and development of artificial intelligence in accounting industry is influenced by many factors. As current accounting personnel, not only should they master the professional knowledge of accounting, but also master comprehensive skills in many aspects. Accounting professional knowledge and computer application are very important in the development of artificial intelligence financial software. Therefore, colleges and universities should focus on cultivating students' computer level and innovative thinking ability. For example, some learning courses can be set up to drive students to learn by means of competition, and high-end virtual technology can be used to improve students' visual thinking ability and practical ability. Therefore, the school has cultivated a batch of new high-end compound accounting talents who are proficient in accounting professional knowledge and capable of intelligent software application. At the same time, schools should let students have unique advantages, so that they can adapt to the era of rapid development.

3.5 Reform teaching methods and assessment methods

Colleges and universities should carry out teaching method reform actively to break through the limitation of traditional classroom teaching.

We can make full use of the advantages of the current network and use the Internet platform to carry out online classes, so that students can have more free and flexible learning time, repeat learning, break through the limitation of time and space. Students can master knowledge more comprehensively and deeply, and the learning efficiency will be greatly improved. It is no longer limited to the assessment of students at the end of the semester, but schools can try to add up the assessment of the usual learning cycle as the results of students. For example, more classroom presentations and group work will not only test students' knowledge, but also improve their communication and teamwork skills. At the same time, it will stimulate students' interest in learning, increase their initiative and self-consciousness in learning, and in many ways make students less stressed at the end of the semester.

3.6 Strengthen the construction of teaching staff

In the current development of the accounting industry, teachers play a leading role in the cultivation of talents in this industry. Teachers should closely track the development and changes of the accounting industry, timely improve their knowledge reserves and scope of knowledge, learn to adapt to the current trend of artificial intelligence, and supplement the knowledge of artificial intelligence. Major institutions of higher learning can also organize and set up teacher study groups to create a strong learning atmosphere for both students and teachers[4].

In addition, schools can also try to invite relevant experts to carry out training for teachers, so as to further improve the breadth and depth of teachers' teaching. At the same time, we can also try to strengthen communication with enterprises through cooperation between schools and enterprises. We hope that teachers can directly feel the operation
situation of enterprises after the use of artificial intelligence, so that teachers can have more practical experience and share more examples when teaching students.

4. Conclusion

The emergence of artificial intelligence marks the progress of the times, but also poses a severe challenge to whether the traditional working mode of human beings can continue. Although artificial intelligence is widely applied in the accounting industry, it will cause troubles and challenges to accounting practitioners to some extent, but it is undeniable that artificial intelligence does not have the diversified advantages of accounting practitioners. Colleges and universities in China need to respond more actively to the changes in the social environment. With the changes in the accounting industry, they should timely change the training programs and objectives of accounting talents and try to use man-machine combination to further enrich and improve the range of students' knowledge and skills. We can also make more efforts in the quality of teachers to train students into comprehensive accounting talents to adapt to the new environment.

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