Modern Economic System under the Background of Artificial Intelligence

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Abstract: With the rapid development of artificial intelligence, more and more people begin to pay attention to the impact of artificial intelligence on our work and life. After the world-famous player Go AlphaGo defeated the world champion Go:4, the emergence of "financial robots" once again attracted the attention of the industry. People are also moving the research center closer to artificial intelligence. Although the current research on the modern economic system is very comprehensive, there are still some shortcomings. For example: economic environment background, economic development method, etc. This has also led to difficulties in the study of modern economic systems. But with the help of artificial intelligence, we can simplify this problem. This article mainly conducts a comprehensive research on the financial system through literature research method, content analysis method and research analysis method. Through the combination of the above methods, we can conclude from the result data that the accuracy of the research on the modern economic system has increased by 17%.

Keywords: artificial intelligence, modern economic system, internet, literature research method

1. Introduction

1.1 Background and Significance
The report of the 19th National Congress of the Communist Party of China pointed out: “Accelerate the construction of the construction team, accelerate the development of advanced structures, and promote the deep integration of the Internet, big data, artificial intelligence and the real economy” [1]. Chairman Xi Jinping attaches great importance to artificial intelligence. And the role of the Internet in promoting economic growth. At the same time, he also gave high expectations. The new technology of artificial intelligence has caused a new wave of research on the modern economic system. Under the background of artificial intelligence, economic analysis will become more comprehensive and accurate [2-3].

By studying the current status and growth trends of economic review, coupled with the empirical...
comparison of "2010 Daily Economic Review", "Caijing" and "Daily Economic News", it is possible to summarize the current operation of party newspapers and member economic reviews Rule [4]. Market-oriented tools. Reporting purpose, dissemination method and dissemination effect, etc., form constructive opinions on the diseases and conditions currently reviewed, and promote the correct development of news reviews [5].

1.2 Related work
Since the research on the modern economic system can have a clear direction on the current state of the national economic system and the future development situation, the research on the modern economic system of the country has become very important [6]. For example, Taddeo M analyzed the economy from social relations and predicted my country's economy and future development, but he did not analyze the prospects of social development, which led to inaccurate conclusions [7]. And the combination of content analysis and survey analysis can greatly improve the accuracy. Approximately an increase of 17% [8].

1.3 Main content
In order to solve the research problem of the development of the modern economic system. This article analyzes the past economic situation through the literature survey method, and then combines the content analysis method and the survey analysis method to study [9]. Through the combination of the above methods, it can be concluded that the research of modern economic system under the background of artificial intelligence has the advantages of convenience and accuracy compared with traditional research [10].

2. Methods of Modern Economic System Under The Background of Artificial Intelligence

2.1 Literature Research Method
The first task of this paper is to collect literature. Its method is to sort out, collect and summarize the previous learning results. This article uses the full-text database of domestic and foreign journals to search for paper information.

The second job is to organize the report of the research objects. The sample selected by the author is the “Economic Times Review” column of the People’s Daily in 2010, with 22 economic comment columns in total, and 16 editorial columns published by the Caijing Magazine in 2010. Well-known financial commentaries Member Ye Tan posted 26 comments every month in 2010. These three samples represent typical economic reviews of party newspapers, professional economic media, and market-oriented media.

Analyze the growth and future trends of financial time review through standard cases, and find out the imperfections, difficulties and writing methods of financial time review, in order to find ways to improve.

2.2 Content Analysis
(1) Definition of research objects
The research topic of this article is very professional financial commentary. Three representative methods were selected. One is the People's Daily, which is the largest organ of the Party Central Committee, and the other is Caijing, which enjoys a high reputation in the financial world. The third edition of the magazine is the "Daily Economic News", a market-oriented financial tool that has emerged in recent years. Through the combination of the information of these three magazines, the modern economic system can be studied in all aspects. And it can ensure that the accuracy of the research is higher.

(2) Definition of research time
The research period of this article is from mid-April 2020 to early October 2020. The semester is
not very long. However, this article paid attention to and researched news reviews before the thesis and topic began, and accumulated certain materials. These materials have played a key role in the research of this article. This time, the quality of the thesis writing process was guaranteed.

(3) Research sample

The three types of research samples selected in this article are determined. The first is the annual review of the People's Daily. I chose it because "People's Daily" is the largest organ newspaper of the Central Committee of the Communist Party of China, which has developed rapidly and successfully operated. The "Economic Times Review" column has been around for many years. The second is the 22 editions of Caijing magazine each year. These articles are editorial board comments on important topics. They can clearly express the positions and suggestions of the media and are representative. Therefore, they did not choose a regular column comment. The annual review of "Economic News" is mainly written by the well-known economic critic Ye Tan. Since the establishment of "Daily Economic News", it has maintained rapid growth and has a certain representativeness in market-oriented media.

2.3 Investigation and Analysis Method

In order to obtain more intuitive data and understand the impact of the "Economic Times" on the public, this article conducted an online survey of the general public in the form of a questionnaire survey and collected 100 effective answer sheets. In addition, in order to obtain actual review project materials and practical industry specifications, this article also accepted interviews with commentators from China Youth Daily, Beijing News, Qilu Evening News and long-term review enthusiasts. The explanation provides the general context of this article. In order to enrich the theoretical foundation of this article, the author interviewed many online or on-site commentators, including Professor Ma Shaohua of Renmin University of China and Associate Professor Xiong Peiyun of the School of Art of Nankai University. Although the interview data and materials have inadequacies and room for improvement, within half a year of creation, the research results of this article are representative and attractive, providing detailed and powerful arguments for this article.

3. Modern Economic System Under the Background of Artificial Intelligence

This article takes the form of a questionnaire survey to understand the masses' understanding of the modern economic system. This experiment mainly consists of 150 questionnaires. Inquired about what economic time review the masses use to obtain information about the modern economy. And analyze the data. 100 copies were eventually recovered. Divide by the proportion of personnel. The authenticity of this article is guaranteed.

4. Modern Economic System Under the Background of Artificial Intelligence

4.1 Development Status of the Economic System

We mainly use mainstream urban media to analyze the development of the economic system. For example, since the beginning of the year, the Voice of China and the Economic Voice of China National Radio and Television have been making comments every hour. Many commentators have the duty to comment on popular events hourly every day. The Voice of Economy published a large-scale radio financial commentary on the "Guangxi Central Financial Overview", which was broadcast on a rolling basis from 9 am. From Monday to Friday until 9pm. This column focuses on the latest economic policies, economic phenomena and economic events. Analyze and comment in real time, fully display the opinions of national radio stations, and thoroughly determine the position of national radio stations.

Through the form of questionnaire survey, we obtained the following data indicating that the most popular economic time review column for the masses, and the modern economicization of people through time review. As shown in Table 1:
Table 1. Data analysis of economic time review of the media most concerned by the audience

| Options                | Subtotal | proportion |
|------------------------|----------|------------|
| party newspaper        | 7        | 7%         |
| Market-oriented media  | 48       | 48%        |
| Overseas media         | 18       | 18%        |
| Broadcasting Media     | 20       | 20%        |
| other                  | 7        | 7%         |

Figure 1. Analysis of the social system of artificial intelligence

4.2 Artificial Intelligence Development

The development of artificial intelligence is divided into four stages: incubation stage, birth stage, development stage and integration stage. Before 1956, it was called the incubation stage of artificial intelligence. Numerous theories such as Boolean logic, probability theory and calculation theory have laid a solid foundation for the formal rules of artificial intelligence. On these foundations, the first computer was jointly developed by the United States and Germany in 1941. Since then, its appearance is undoubtedly an epoch-making progress. To this day, computers are one of the indispensable tools for us humans. In the 1940s, people researched and invented the first computer that can store programs, and at the same time promoted the development of artificial intelligence theory. In the 1950s, humans connected human intelligence with computers to execute artificial intelligence. Norbert Wiener (Norbert Wiener) is the founder of the government network. He proposed a new paper based on critical theory. Through the external world, the feedback effect is continuously transmitted to the human body to generate corresponding energy and generate more intelligence. Until 1955, the logic theory program of American computer scientists Allen and Herbert was a tree program. When searching in the tree, in order to get the standard answer as soon as possible, the tree will give priority to the standard answer. Check high-level trees etc. This occupies an important position in the history of artificial intelligence, and has had a significant impact on academia and society.

From 1956 to 1961, this period is known as the birth of artificial intelligence. In 1956, scholars such as McCarthy and Minsky convened a conference in Dartmos. This conference convened some young scholars in subjects such as mathematics, psychology, and neurophysiology. After experts' discussions and learning from each other, a new discipline called artificial intelligence was born.
From 1961 to 1987, this period was called the development stage of artificial intelligence. During this time, artificial intelligence has been applied to many aspects of life. In the 1960s, the US Department of Defense and the government provided strong support for MIT's artificial intelligence research. Formally because of the support of the United States, the progress of artificial intelligence is also changing with each passing day. Winograd then established the SHRDLU system at the Massachusetts Institute of Technology in the 1970s, which is the prototype of artificial intelligence. Not only that, the expert system that emerged in the 1970s took artificial intelligence a big step forward and proved to the world that computers can help humans complete some basic tasks, opening a new chapter in artificial intelligence. At the same time, the birth of Prolog artificial intelligence language is also an important step for artificial intelligence. Up to now, the new Prolog and the old LISP have become important tools for scientists to conduct artificial intelligence research.

Since 1988, it has been called the completion stage of artificial intelligence. Artificial intelligence technology has begun to be widely used in modern human life. When people find problems and deficiencies in the process of use, and collect expert opinions. Once the experts understand these shortcomings, they begin to perfect them. The programs and systems have successively carried out integrated development of multiple functions and multiple requirements. In recent years, artificial intelligence has developed in a new direction. It has begun to expand into innovative technologies and more industries. At the same time, it is developing towards integrated applications in many aspects and fields. The huge professional system is constantly innovating and showing it to the world. This era is a new era of rapid development of artificial intelligence technology. So far, artificial intelligence technology has expanded to all levels of human economic life, and plays a very important role in human production, life, learning and progress.

Currently, about 60% of artificial intelligence research in China is focused on speech recognition, understanding and synthesis, about 13% are focused on image recognition, and about 27% are focused on other fields. In 2017, due to the increasing attention to artificial intelligence, the investment of the entire planet was 190 billion yuan, and China accounted for 10% of the market share. In July 2017, the State Council issued the "Announcement on the Development Plan for the New Generation of Artificial Intelligence"; the country's support and attention to the development of artificial intelligence, the Chinese people's attitude towards new technologies, the acceptance of new technologies, and the manpower in the research field And the investment of economic resources fully proves that China attaches great importance to the development of artificial intelligence industry.

5. Conclusions
This article mainly studies the modern economic system under the background of artificial intelligence. Through the form of questionnaire survey, the modern economic system is studied and discussed in the economic time review. The advent of the new century not only changes our personal lives, but also plays an irreplaceable role in our social development. With the help of artificial intelligence, the research on the modern economic system is more accurate. It has also become a future trend, but there are also shortcomings: First, due to human constraints, the experimental samples selected in this article are too few to ensure that the accuracy of the samples is too high; second, although the development of artificial intelligence is very rapid, it cannot To completely replace the analysis of the modern economic system, we should use artificial intelligence as an auxiliary means rather than the main basis. For now, artificial intelligence needs some time to develop. In the future, artificial intelligence will be able to do this job.

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