Analysis on the Construction of Computer Data Processing Mode in the Era of Big Data

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Abstract: With the rapid development of social economy, science and technology, the development of information technology and network technology is also very rapid, which promotes the gradual development of data in the era of big data. In the development of the era of big data, information data is also facing a huge challenge, which brings a huge impact on information processing. How to effectively respond to the development of the era of big data, improve the level of computer information processing technology, the development of the era of big data is the focus of many technicians. This paper analyzes the computer information processing technology in the era of big data.

1. Introduction

In recent years, the rapid development of large-scale data age provides certain conditions for computer information processing [1]. But in the actual computer processing, due to many technical defects, computer information processing technology can not meet the development needs of the era of big data. From a specific point of view, the development of this technology not only limits the development of the era of big data, but also affects the security and reliability of computer information processing [2]. Therefore, it is necessary to actively adopt effective processing programs to improve the level of computer information processing technology, ensure the steady development of the era of big data, and provide better data services for people. In order to realize the long-term development of the computer industry, the computer information processing technology in the era of big data is analyzed and discussed in detail.

2. What is the Era of Big Data

With the rapid development of computer technology and physical technology on the Internet, social development has brought another great change. The emergence of big data technology has made great achievements in the era of big data[3]. This has a great impact on social development and people's habits. Great impact in the era of big data, data, as the foundation and core of social development, desalinates the boundaries between consumers and network democracy. The support of big data technology promotes the development of enterprises and institutions, especially information processing, regional network and intelligence[4]. Of course, under the influence of the era of big data, the market competition is more and more fierce. If enterprises want to seize the opportunity in the market, they must master and use big data technology skillfully in order to truly integrate into the era of big data. However, in the era of big data, social and economic development is facing many challenges, especially in the field of computer information processing. It is necessary to constantly improve the technical level to meet the development needs of the era of big data. Therefore, if the computer industry wants to achieve better development, it must comply with the needs of the big data era, and must actively carry out technological innovation.

3. General Situation and Defects of Computer Data Processing Technology

The so-called computer data processing technology is mainly used for data collection, processing

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and the use of computers or other related knowledge to achieve unified data management, in order to ensure the quality of computer information processing. Of course, from a technical point of view, computer information processing technology is a relatively comprehensive technology, mainly including network, computer and sensor[5]. At the same time, computer information processing technology is widely used in various fields of society. That has a great influence on promoting the development of various industries. In addition, in the development of computer data processing technology, it can unify human functions. The development of this technology will completely change the traditional office mode and promote the new development direction of China's social field. Promote the long-term development and progress of the computer industry[6]. The arrival of big data era also adds color to the development of computer information processing technology. At the same time, computer information processing technology will also face great risks. There are many problems to be solved behind the progress of technology and the times. Among them, the biggest risk of computer information processing technology in the era of big data is that the use of computer viruses, Mar clothing and other pirates, as well as users, will bring more negative impact and face more security risks. From a practical point of view, information processing [7]. These are one of the problems faced by computer information processing in the era of big data. In addition, there are also some problems in forgery and tampering of information data. The emergence of any problem has a great impact on the security and quality of computer information processing. The arrival of big data era also makes computer information processing technology more challenging. With the advent of the era of larger data, there are many new network technologies[8]. However, this is a specific range, especially reduces the certainty of the network, and it is difficult to quickly distinguish the actual information obtained under the premise of the increasingly close network communication and communication. Therefore, the improvement of computer information processing technology is indispensable and the necessary condition to ensure the development of computer.

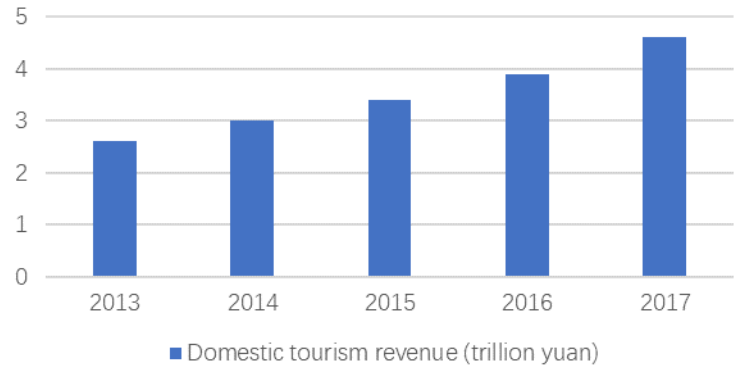

Figure 1 Total domestic tourism revenue in recent five years

4. Analysis of Information Processing Technology in the Era of Big Data

In the era of big data, big data plays a huge role in promoting the development of society, economy, science and technology. However, due to various factors, computer information processing technology also faces many challenges in the era of big data[9]. There are still many problems. Therefore, it will affect the stable development of the era of big data, and affect the security and reliability of information processing. Therefore, in the development of large-scale data age, it is necessary to actively study information processing technology and comprehensively improve the level of information processing technology. The main analysis is as follows.

4.1. Information Collection and Processing Technology

Information collection and processing has always been the focus of attention. Whether information collection and processing are reasonable directly affects the development of individuals, enterprises, organs and the state. In the era of big data, the above-mentioned computer data

processing includes the collection and processing of computer information, and information processing that does not meet the development needs of the era of big data. Therefore, we need to adapt to the development of the era of big data, and constantly improve the level of computer information processing technology. The information collection and processing technology based on big data technology is faster, safer and more comprehensive. Collection and processing is also the computer information processing in the era of big data. First of all, in the implementation of computer information processing technology, the collected information data must be integrated, and after ensuring the consistency of information data collection, the next information processing can be performed. In the process of collection, the collected information needs to be clearly defined. Track and monitor the information source of the target for the data of the target source. On the one hand, the data flow must be controlled reasonably, on the other hand, the integrity of data collection must be ensured, and the collected complete data information will be input into the computer database. Then, prepare for the next step in information and data processing. Second, the collected data should be processed strictly according to the user's requirements, and the processed information that meets the user's requirements should be sent to the user. Of course, in the transmission of information data, because it can ensure that the information data sent is not leaked and can be encrypted, the corresponding data can be retrieved only by knowing the lock release key of data information.

4.2. Information Processing Security Technology

Security has always been the focus of computer information processing. By ensuring the effectiveness of various data and information processing, the security of information processing is ensured. However, in the era of big data, computer information processing technology faces many challenges, and data security is also very important. This is also one of the main technologies of computer information processing in the era of big data. In the era of big data, users experience the benefits brought by the era of big data, and also bring challenges to the security of information and data transmission. Information security and private life have attracted worldwide attention. Under the influence of the data age, many experts and technicians must invest in the research and development of computer information processing security technology. More advanced security technology can meet the security of computer information processing in the era of big data. In addition, with the rapid development of large-scale data age, it is necessary to track and detect important information data in the process of information processing. On the other hand, in order to ensure the nature of information and data transmission and the security of information and data transmission, the existing risk factors can be studied in the process of data tracking. Adhere to the speed of upgrading computer information processing and confidentiality measures, and gradually improve the efficiency of computer information security to meet people's needs.

4.3. Information Storage Technology

Information storage technology is an important part of information processing technology in the era of big data. In the era of big data, more information needs to be processed, and the amount of accumulated information is also growing exponentially. In the past, the storage capacity of computer information storage device was too small, so information storage became a big problem. In the development of the era of big data, in order to meet the needs of the development of the times, we must constantly improve the level of information processing technology. The key to measure the big data of computer information processing technology is whether the information stored in the information storage process can be stored in a reasonable and complete way. Good information storage technology can rearrange huge data reasonably. Confirm that the storage device and the storage data information are not omitted. At the same time, it also meets the main needs of users for information storage and meets the requirements of people for computer information speed in the era of big data.

4.4. Information Processing Technology

Information processing technology can be said to be one of the unique skills of computer

information processing in the era of big data. Computer information processing is completed by computer hardware equipment. In order to ensure the speed of information processing, it must be equipped with advanced hardware. However, due to the limitation of hardware devices, the speed of computer processing information is more and more satisfying with people's higher and higher requirements. In the era of big data, computer information processing technology mainly uses cloud technology. The generation of cloud technology is the destruction of information and data processing by the error of the earliest computer hardware. Compared with the original operation speed, the processing efficiency has increased by more than 100 times, which is also effective for information processing. This is the development trend of computer information processing technology in the era of big data. Cloud processing technology has unlimited possibilities. This processing technology makes it possible to separate the computer hardware from the network without affecting the interoperability. The normal use of computer hardware can ensure the construction of huge large-scale data information network system, form huge huge information processing, and realize and solve effective huge problems. At the same time, we will promote economic development, military development, and scientific and Technological Development in the future.

5. Conclusion

Because the application of big data is more and more extensive, and computer information processing technology is used in many places, people can not do without it.

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