Research on the application of data analysis based on computer network system

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Abstract: at this stage, China's economy, science and technology continue to develop, and the Internet and big data analysis technology have been widely used in daily life and production. In this context, the application of data analysis technology based on computer network system in the long body is also very common, and the related technologies and network platforms have promoted the development of all walks of life to a great extent. This paper analyzes the specific application of data analysis based on computer network system, and puts forward the corresponding views.

Key words: computer network system; Data analysis; Application; research

Introduction:

With the advent of the era of science and technology, Internet based communication has become the main channel for information acquisition. Especially in recent years, the Internet has been developed in an all-round way, and its application scope is more extensive. The data analysis technology based on computer and Internet is also more mature. Under this background, the advantages of data analysis system are also fully reflected in the application. In many fields, Internet data analysis system has become an important analysis tool, which solves the problems in production and life to a great extent. In order to give full play to the application value of the new technical means, relevant enterprises and managers need to deeply analyze the connotation of the data analysis system and build methods to improve the data analysis system, so as to master the practical application of the new technical means and further optimize the data analysis system.

1 Summary of Internet data analysis system

1. Main components of data analysis system

According to the actual analysis, the connotation of data analysis system refers to the operating system that integrates, analyzes and processes data. Specifically, the data analysis system makes different data results based on the data required by users, such as quantitative professional analysis and data analysis. Due to the limited computing power of individuals and the small storage capacity, relevant enterprises will face more data in the development. In order to ensure the development of enterprises, it is not necessary to calculate and arrange data only with the help of human brain. In view of this situation, many enterprises have successively introduced data analysis system in the development. This system can effectively sort, analyze and store data, and its data processing ability is also directly related to the accuracy and effectiveness of internal information. In addition, at present, different social industries have different requirements for Internet data, which also means that the data analysis system under the Internet needs the accessibility of data and the rapid separation function of data, so as to realize the effective analysis of data.

2. Advantages of data analysis system

Generally speaking, the main factor of the data analysis system under the computer network platform is to replace the human brain for operation, which is also the current relatively fast processing method. For example, if users need to find relevant information, they can use the data analysis system for accurate search, and then use the relevant information reasonably to give full play to the application value of the data. It is also because of the characteristics of simple operation, fast operation and analysis of data analysis system that many applications have introduced computer network-based data analysis system, such as fund, finance, medical and other fields. Therefore, big data can help people better understand the data and application data, and promote the development of different industries to a great extent.

2 Building a perfect data analysis system

1. Mutual cooperation and teamwork

In the current era, the development of data analysis system based on computer network platform usually requires relevant enterprises to integrate data from multiple perspectives, which also involves effective cooperation between different user enterprises and internal departments. It can not be developed by a few operators. As a huge analysis data, Its effective operation requires effective cooperation among multiple technical teams. In addition, the internal technical team of the enterprise should have a core leader, so as to ensure the design of a first-class data analysis system conducive to the overall development of the enterprise, and develop more targeted data analysis products with the support of the cooperative team. In addition, the construction of enterprise analysis system is a process of gradual improvement and continuous development, which needs continuous optimization and update in combination with the development of the times. In order to achieve this goal, a more effective method within the enterprise is needed. For this, the high-quality technical team should have the unified direction of the core leaders and team spirit, so that the data analysis system developed can be more meticulous and perfect, and has application value.

2. Ensure data authenticity

Data analysis under the computer network system mainly provides data support for relevant enterprises, that is, to collect and process

relevant data, so it requires relevant systems to ensure the authenticity of data. If the data is not true or deviates from the actual situation, it is difficult to provide reference value for relevant enterprises. From this perspective, the data analysis system needs to ensure the authenticity and reliability of its information. This way can also ensure the quality of the data analysis system in different work links, and ensure the accuracy of the analysis and processing results finally obtained by the data analysis system, which can be used by people. In order to achieve the corresponding goals, designers need to explore the actual needs and data application within the enterprise, and apply the latest standards in the design of data analysis system; The operators need to sort out the data according to the actual operation standards to avoid the deviation between the data and the reality, so as to improve the value of the data and protect the comprehensive development of the enterprise.

3 Concrete application of computer data analysis technology

1. Specific application in enterprise internal operation

In the new era, the competition between enterprises in different fields of society is mainly the competition in the application of information technology. It is not difficult to see that relevant enterprises need to actively introduce information technology in order to ensure their comprehensive development. With the support of computer technology, content personnel can comprehensively master accurate business information. In addition, in the process of applying information, researchers can also explore new ideas suitable for the economic development of enterprises themselves. For the application of computer data analysis technology, many enterprises are more prominently reflected in the enterprise management of some chain operations, which can promote the further expansion of the scale of enterprises, create more benefits for enterprises and enhance their social status.

For example, the commercial law websites in some provinces effectively combine enterprise websites with social comprehensive websites, and improve and innovate around the characteristics and actual needs of enterprises. This can provide more professional legal services in different fields of society, and also enable various branches and departments to operate effectively. In fact, this network platform is mainly a data analysis system based on the computer network system. Later, enterprises put it into the case management process of different branches, which can ensure the effectiveness of relevant case handling and avoid risks to the greatest extent; Not only that, it also innovated the customer service and lawyer management mechanism in the operation process, which promoted the stable development of the enterprise to a great extent. It is not difficult to see from this case that under the background of the new era, enterprises actively introduce data analysis system in the process of operation and development, which can realize the scientific planning and distribution of internal management methods and systems, so as to ensure the overall development of enterprises and bring more economic benefits.

2. Application in the process of enterprise innovation

In the new era, computer technology can realize information construction and innovation, which is also the internal factor for the effective development of China's economy. Some scholars also pointed out that at this stage, China's economic development is still in a period of strategic opportunities. Therefore, in order to obtain the power of sustainable development, relevant enterprises need to further increase the adaptability of the new normal according to the characteristics of economic development and conform to the development of the times. For enterprises, the new normal shows that the economic growth is more appropriate, it is more balanced in structure, and it is relatively harmonious in the process of social development. From this perspective, in order to give full play to the overall application value of the data analysis system in the enterprise, relevant personnel are required to effectively control and adjust the enterprise risk, and adjust the macro development ideas according to the actual situation. This way can ensure that the plan formulated by the enterprise is more targeted, so as to inject new impetus into the overall development of the enterprise.

Taking hotel management as an example, at this stage, many hotels are actively in line with the development of the times, trying to introduce and develop hotel management software, including cable ordering system, intelligent baggage delivery system, etc. customers can use iPad electronic menu, TV ordering, mobile ordering, etc., which are also data analysis systems under computer network system. At present, there are also many apps that can meet the actual needs of the masses. This is also the basis for relevant industries to fully collect users' consumption needs such as catering and hotels, and effectively process and sort their consumption data. After that, the app background can push relevant content for users to help customers make choices; Not only that, the handheld app also makes full use of the network and wireless network, with the obvious advantage of the nearest distance between mobile phones and customers, to investigate and collect customers' needs in an all-round way, and further count, classify and process the customer needs collected from the back end of the platform, so as to provide the most accurate customer needs to businesses in various industries in a reverse direction, Help businesses clarify customer needs, so as to provide customers with personalized and targeted services. It is not difficult to see from these contents that in the new era, the development of different industries and enterprises is closely related to the data analysis system, which can further meet the actual needs of the masses and the market and realize its own development. Based on this, the innovation behavior implemented with the help of extensive and accurate data analysis is the external driving force for enterprises to realize their own development. Relevant enterprises should pay attention to the application value of computer network system in the development, grasp the market demand in time through data analysis and processing, and innovate the product research and development according to the actual demand.

3. Application in communication with customers

At this stage, computer technology has become an important way of information dissemination. Enterprises can form effective communication and exchange with customers by using computer networks in the process of development. Customers can also provide corresponding feedback on the services provided by enterprises, and enterprises can improve and perfect them in combination with these

contents. After implementing the improvement measures, the internal managers of the enterprise can collect customer feedback again through the data analysis platform, and then further adjust the services around these contents, so as to optimize the enterprise improvement methods, ensure that the services they provide can be recognized by customers, and then improve their reputation and social competitiveness.

In addition to necessary customer communication and feedback, data analysis technology can also be applied to the adjustment of internal resource supply of enterprises. With the support of big data technology, relevant personnel can directly and effectively find the source of materials necessary for the production and development of the enterprise, so as to directly obtain the source of information. This method can save a large part of the costs and expenses of intermediary management for the enterprise; Not only that, for the development of enterprises, human resource management is another resource demand. Data analysis technology in different industries can also provide data support for enterprises to find talents in need and improve work efficiency. Specifically, enterprises can obtain corresponding human resource information in a timely, efficient and efficient manner by using human resource data analysis technology, On this basis, relevant personnel shall be employed and trained. From these points of view, the data analysis system under the computer network platform can improve the efficiency of enterprise management, accelerate the development of enterprises, and ensure that enterprises occupy a place in the fierce market competition.

The enterprise actively introduces the data analysis system and continuously optimizes it according to its own actual situation, which is conducive to the enterprise to collect and summarize relevant data and information, then explores the supply and demand path existing in the market development process, and can timely grasp the deficiencies existing in the development of the market economy at this stage, and then effectively adjust the resources according to the actual demand, so as to effectively improve the service quality, Ensure that the production and service of the enterprise are in line with the actual needs of customers, so as to enhance the value of products. With this way, enterprises can protect the legitimate rights and interests of consumers and improve the economic benefits of enterprises. The data analysis system increases the communication between customers and businesses. Around the service data, enterprises can clarify the development direction and obtain more comprehensive market information.

Conclusion:

To sum up, in the new era, enterprises attach importance to the introduction and application of data analysis system under the computer network platform in the development, which can further strengthen the core competitiveness of enterprises. Therefore, in the era of big data, enterprises should integrate with social development, pay attention to the guiding value of data analysis system, and apply it to each stage of internal production, so as to improve the management effect and provide customers with better service.

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