Research on Statistical Data Quality Control Methods in the Context of Big Data

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Abstract: Based on the background of the rapid development of big data technology in our country, the social circles also attach great importance to the work of controlling the quality of enterprise statistical data, the Quality Assurance of statistical data is very important for the long-term effective and healthy development of enterprise statistical data work. At the same time, the quality assurance of statistical data is also an important reference for our major enterprises to make management plans and make decisions. Therefore, strengthening the quality control of Enterprise Statistical data under the background of big data is the only way for enterprise development. Based on this, this paper analyzes the strategy research of enterprise statistical data quality control methods under the background of big data, and hopes to provide positive suggestions for related research.

Keywords: Big Data Technology; Data Quality Control Method; Big Data Background; Enterprise Statistical Data Work

1. The reasons that affect the development of enterprise statistical data quality at the present stage

Because the quality of enterprise statistical data is the basis of long-term development of enterprises, so in recent years our major enterprises have been strengthening the importance of statistical data quality control, however, there are still a series of problems in the process of statistical data quality control in our country's major enterprises at the present stage, and these problems also hinder the development of statistical data quality control in our country's major enterprises [1] . First of all, some enterprises are relatively backward in the statistical concept and methods of data, because of the deep-rooted influence of the traditional concept and methods of enterprise data statistics, at the current stage in the process of enterprise data statistics, in the process of work, some enterprise data statistics workers still choose the old manual paper-based statistical methods, and do not pay attention to the information-based data statistics, which leads to lower statistical efficiency of enterprise data, at the same time, manual paper-based way is also prone to human error, which will lead to a certain deviation of enterprise data statistics results, lack of scientific rationality. Secondly, the staff who are in charge of data statistics in some enterprises are short of professional comprehensive ability. In view of the current development situation of data statistics in some enterprises of our country, some enterprises in charge of data statistics staff more novices, the lack of professional skills training,At the same time, there is no more outstanding high-quality compound talents, because these employees lack the professional training of big data technology, so that these employees can not understand the meaning of data statistics in the context of big data and advanced methods, this will lead to this part of the staff in the processing of enterprise data information is often in order to meet the requirements of some of the data information to manually modify, do not realize the importance of real data statistics for the development of the enterprise, this results in a serious statistical deviation. Finally, part of the enterprise leadership team did not have a strong sense of the rule of law, in the enterprise internal data statistics in the process of development did not strictly in accordance with the"Statistics according to law" concept to require the corresponding staff, or some enterprises have not arranged professional staff to be responsible for the development of enterprise data statistics, and there are no corresponding regulations and requirements for the development of the work of relevant staff, in the face of staff to create false enterprise data information when there is no corresponding punishment strategy, so over time will make staff for enterprise data information statistics work attitude is too perfunctory, seriously hinders our country enterprise data statistics quality control work to carry out [2] .

2. Research on strategies to improve the quality control of enterprise statistical data in the context of big data

In order to ensure the effective development of enterprise data statistical quality control under the background of big data, in order to strengthen the control of the quality of enterprise data statistics, the leaders of relevant enterprises should lay down the corresponding system system for the whole process of data and information statistics while paying attention to improving the level of statistical data processing of employees, we can start with the following aspects: First of all, the leaders of the relevant enterprises to the monitoring and control of Data and Information Management Audit to develop a complete system, in the event of large changes in data and enterprise key data and information statistics to strengthen the supervision of the relevant staff, through this way to ensure that the data and information true, reasonable and effective, at the same time, when there is a phenomenon of incorrect data or a large range of data changes, the leaders of relevant enterprises should set up a special monitoring group to analyze the reasons of data errors or large range of data changes, raise the importance of data authenticity. Secondly, we can implement a "Clear responsibility" system in enterprise data statistics departments, assign different data statistics work to different employees, and set up special supervision departments, in this way, we can quickly find the employees who are responsible for data statistics when there are problems, and ensure the authenticity of the results of enterprise data statistics through this way, then promote our country enterprise data statistics quality control work to carry out [3] .

3. Conclusion

To sum up, strengthening the control of the quality of enterprise statistics in the context of big data, both in terms of ensuring that enterprise statistics are true and reasonable and in terms of ensuring the effectiveness of the work carried out on enterprise statistics, or to promote our country each big enterprise long-term effective healthy development aspect, all has the very important significance value. Based on this, the workers in the relevant fields should pay more attention to the quality control of enterprise statistical data, and make full use of the big data technology in the present era to provide convenience for the quality control of statistical data in major enterprises of our country, in-depth search again in this process there are a series of problems and explore the relevant solutions to research, so as to promote the high-quality development of our major enterprises.

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