Intelligent Data Analysis Helps Paid Knowledge Platform to Promote Online Distance Education

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Abstract: Network distance education, as an integral part of education, has played an important role in the cultivation of talents in our country. In the era of big data, intelligent data analysis is widely used and cannot be ignored in education. Online distance education has not been updated in time, and there is no aura at the beginning. Intelligent data analysis helps the paid knowledge platform, injects fresh blood into online distance education, and also helps the platform to improve the teaching level.

Keywords: Intelligent data; Pedagogy; Economics

In my country, a large number of people have not received secondary and higher education. With the development of the country, "elite education" has been transformed into "universal education". Distance education has a low threshold, extensiveness, convenience and flexibility. More people learn and further improve themselves. Before the start of online distance education, there were mail-based correspondence courses, as well as television network correspondence courses. In the mail-based correspondence courses, offline courses were held regularly. Network distance education emerged after the Ministry of Education launched the pilot project of modern distance education in 1998. There are network distance education carried out by the radio and television university system and ordinary colleges and universities. In the 21st century, network informatization has become more popular, and it has gradually begun to be applied at the educational level. Distance education has been greatly improved and transformed. Distance education is no longer monotonous, and it is no longer limited to the improvement of higher education. There are people of all ages who receive better supplements and improvements. However, there are still many problems in online distance education, such as the low quality of online teaching, the lack of teachers, and the lack of support services and supervision for the online learning process. Some of these issues can be filled with smart data. The paid knowledge platform develops new big data terminals through capital operation, and the application of intelligent data analysis on the paid knowledge platform can help them improve their education level and reputation.

1. Why apply smart data?

In the process of online distance education, many people want to have a certificate of academic qualifications, and some people want to improve their own level and supplement their deficiencies. Compared with offline teaching, online distance education breaks through the limitations of time and space and improves learning efficiency, but many deficiencies will be exposed.

1.1 Poor interactivity

Online distance education is registered and taught online. The whole course is in the form of online courses. The online courseware will be recorded by teachers in advance. In the traditional education model, if students have questions about the knowledge points raised in the classroom after class, they can ask them immediately and get a satisfactory answer. If students' learning ability is not strong, they will get twice the result with half the effort.

1.2 Poor targeting

Under the traditional education model, teachers can easily find out the weak points of students through real-time classroom questions. Thereby strengthening the practice in a targeted manner, consolidating the understanding of the concept

through repeated practice, and constantly adjusting the teaching policy. However, the students of online distance education mainly learn knowledge through e-books and e-courseware, and have no in-depth understanding of concepts. Only through the analysis of intelligent data can we judge where the problems most students will have and whether most students have mastered the content of online courses, and cannot take into account all students.

1.3 Lack of teachers

Different from the traditional education model, online classes require teachers to record in advance or broadcast live after the teacher's other sessions are over, so many teachers are reluctant to participate in online distance education. The attitude of some schools to participate in online distance education is also extremely perfunctory. In distance online education, the number of students enrolled in many schools far exceeds that of ordinary college entrance examination students. In this case, teachers cannot be guaranteed, and the quality of distance online education becomes low. Intelligent data can be applied to analyze the low scores of online education courses in several schools, and then integrate the same resources of several colleges and universities to ensure the quality and height of their education.

2. How can intelligent data help knowledge platforms?

The biggest difference between paid knowledge platforms and Chinese university courses is that they are paid and not paid. The improvement of paid platforms must be assisted by big data. In the era of big data, various intelligent data analysis technologies are collected by collecting data. , scientifically and effectively analyze problems, use intelligent data to make scientific predictions on future trends [1], and establish intelligent data terminals to analyze the number of registered viewers and viewing time for each class, and at the end of the class. The completion of the post-learning tasks is summarized, and all the data are summarized together at the end. After a comprehensive evaluation, the teachers who teach are also rated accordingly. In the field of intelligent data application, some good education groups have already launched, such as online education platforms such as New Oriental. They have their own small-class online courses, and use their own network technology and hardware facilities to supervise; some online courses need to open the camera, Using cameras to monitor facial micro-expressions, integrating cutting-edge technologies such as face recognition, behavior analysis, and video structuring, and using intelligent data for analysis and judgment. The previously closed Xuebajun, their classroom teaching equipment is widely recognized, and their method of improving the quality of teaching even takes into account the data analysis of efficiency transformation in the classroom, and they have their own handwriting board, which can be used for classroom tests. Under the analysis of intelligent data, it can also provide help in the data security risk and response of the knowledge platform, and protect the network data of the knowledge platform through big data and network security defense.

3. Feasibility Study of Intelligent Data and Knowledge Platform

3.1 The knowledge platform can cooperate with technology companies to develop big data terminals in the form of cooperation, and combine multiple intelligent data for comprehensive evaluation and analysis.

3.2 You can learn from big groups such as New Oriental to develop their own terminal data algorithms through their own capital operations, so as to create their own online teaching characteristics, open the student feedback platform to improve the problems that the algorithm has not noticed, and make the paid knowledge platform. It is obviously different from the free knowledge platform, so it has a significant improvement for students, and takes into account every student as much as possible.

3.3 Nowadays, the Internet has become the main channel for people to obtain information. Users have gathered a large amount of data resources on the Internet platform through the use of various intelligent terminals, resulting in a unique platform power model. Some Internet platforms automatically collect users' personal information without users' consent, and some enterprises form a de facto monopoly through "algorithmic collusion". At the same time, the commercialization of personal data has caused many disputes over data property rights [2]. This problem is that today's general users will be suspicious of the platform and have a distrustful attitude. The protection of privacy, using its own platform algorithm design, can further improve the knowledge platform.

3.4 There are several commonly used intelligent data analysis methods today: the first is decision tree, which is based on information theory and cannot be used to analyze and process complex data; the second method is association rules, which usually carry a large amount of data; The three methods are rough sets, which can evaluate things subjectively; the fourth is fuzzy mathematical analysis, which can carry out fuzzy analysis on practical problems, and can achieve more impressive results compared with other analysis methods. There are many more ways to choose. [3]

4. Smart Data Analysis Helps Paid Knowledge Platforms Promote Online Distance Education Summary

Intelligent analysis data has become more and more widely used today. If the paid knowledge platform is to stand out from the vast number of free knowledge platforms, the ability of intelligent data analysis will far exceed that of the paid knowledge platform. From the development of online distance education to the present, academic qualifications have not been recognized by people, and even the platform for tutoring subjects has been subject to speculation, which is enough to show that the problem of online education is huge. After the integration of intelligent data, both the quality of online courses and the students themselves can be greatly improved. Only with a good foundation can we promote better development, and multi-party cooperation can promote online distance education to play the greatest role. my country's talent training plays a key role.

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