

MASSIVE OPEN ONLAYN COURSES

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ABSTRACT: In this article, we got acquainted with the advantages, disadvantages and opportunities of public open online courses. And will also have some understanding of the types and functions of MOOC platforms.

Keywords: MOOC, online education, artificial intelligence, interactive

There is a person who spends his whole life trying to acquire knowledge, to develop the knowledge he has acquired and to enrich his life experiences thanks to it. In this regard, MOOC operates on the Internet as a free system for the public (there are additional paid functions and options) created on the basis of modern pedagogical concepts and technologies. In 2008, a completely new teaching methodology was formed under the name of MOOC. This term was coined in 2008 by David Cormier (University of Prince Edward) and Brian Alexander (National Institute for Technology in Liberal Education). MOOC is a modern distance education system aimed at developing the online education market and solving various pedagogical and business tasks. Recently, the concept of MOOC with a small number of users is becoming more and more popular in our daily life, especially among young people. As a result of the development of modern technology, the presence of mobile phones, tablets, laptops in the hands of students gives them the opportunity to learn remotely. In 2012, MIT offers its first open public course "Circuit Engineering and Electronics".

Enrollment in the online course began without any requirements. More than 155 thousand users from 160 countries have registered in the course. Due to the strictness of the knowledge requirement, only 7157 of the participants were able to complete the free course on artificial intelligence on the Internet. One of the advantages of MOOC is Free online education: No money is required to study and practice in the course. Even if funding is required, the cost of a MOOC course will not be as high as a full-time course. Blended form of online education: MOOC distance learning courses are not limited to videos, but also include additional references to various resources: text documents, audio files, discussions on social networks and forums. Such a system not only increases the mastery of the material, but also develops students' ability to manage the flow of information and acquire the necessary knowledge independently.

Interactivity: Many online courses do not allow for feedback from students. In contrast, MOOC platforms provide many communication channels for communication

with the instructor and other students. In addition, the advantages of MOOCs are free lesson schedule, useful communication, fast feedback and evaluation: After each student completes the tasks, it is almost known how the acquired knowledge was evaluated. At the same time, it gives every online learner the opportunity to retake the exam or retake the test. As everything has a black and white side, online courses also have some disadvantages. Learning on MOOC platforms is solely student-initiated, and such a high level of motivation and self-management should be prioritized. For this reason, the following disadvantages of this type of training can be observed: The process of completing the task cannot be fully controlled.

Today, there are 2 common types of MOOCs (Massive open online courses): cMOOCs (see "connectivity MOOC" - connected MOOC). Its main principles are publicity, open registration, use of information until the completion of the course, equal rights of learners, that is, student and teacher are one team. In such courses, the interaction of students is of particular importance. xMOOCs ("eXtended MOOC" - extended MOOC (- open online courses offered by prestigious educational institutions. MOOC courses are created by teachers of educational institutions based on the programs of the educational institution and study is carried out according to a set schedule) such courses are very convenient for organizing the educational process and in terms of the educational model, they resemble traditional teaching.

Content-based MOOCs (content-based MOOCs) are mainly conducted by teachers. Students in these courses are traditionally assessed. In addition to completing the assigned tasks, acquired knowledge is also important.

Since its inception, MOOCs have garnered a lot of positive feedback and have created an army of millions of distance learners around the world. Based on the various information below, we can understand that the doors of many opportunities are wide open for us youth. An example of this is MOOCs, that is, public open online courses.

The main aspects of openness are free registration for the course, unlimited content for those who have registered, free opportunities to achieve educational results. is provided. It reveals the technical features of the organization of MOOC, that is, the course is transmitted over the Internet, which ensures the interaction of the network with all participants of the educational process.

Application of the electronic education system to the educational process

The development of the electronic education system further expands the practice of its effective application to the educational process, and requires a careful look at the modern trends and the existing world experience, which determine the main vectors in the development of the current educational paradigm. Today, millions of people around the world are taking distance education in almost all fields: law, engineering, programming, language learning, and more. Online education is becoming more and more widespread due to its free, universal and convenient. Among them, one of the

most promising trends in the development of electronic education in recent years has been the formation of public open online courses, which are based on the idea of education with public and equal opportunities for all.

Anyone from all over the world has the opportunity to study this course for free on public open online courses. provides academic courses that allow teachers and hundreds of thousands of students (course listeners) to organize free communication. Today, the number of people who have used the opportunity of OOOK is several million. Other leading universities and educational centers of the world are also focusing on online education. There is also an opportunity to read expensive textbooks for free in the online environment. Currently, there is an opportunity to work in certain groups on the Internet. This is also important in education. Group data can be saved online.

They can also be used by next year's trainees. In traditional education, this opportunity is limited.

Massive Open Online Courses (MOOC) are known worldwide as Massive Open Online Courses (MOOC).

The word "Massive" means that it includes a large audience. The word "public" also means that students can communicate with each other without limit in the system.

The reason it is called Open is that this system can be used freely and openly. Although some commercial firms operate only in a paid system, there is also the possibility of organizing most information and educational processes for free.

It is self-evident that it is called Online (On-line), because all processes are carried out in real time on the Internet. It is not possible to transfer the system to a computer and work autonomously.

The word "Courses" means that information is concentrated in a certain direction, they are organized in the most modern way using the achievements of pedagogy and computer technology.

In the history of its development, OOOK has been implemented in the following formats: xMOOCs, cMOOCs and quasi-MOOCs. The xMOOCs format follows the traditional university model (Coursera, edX, Udacity). This format was introduced in 2011. In this system, the teacher is required to be very experienced and the student is organized as a consumer.

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