PRINCIPLES FOR CREATING ARTIFICIAL INTELLIGENCE TEACHING TOOLS

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Annotation. *This thesis substantiates the need to create teaching aids with artificial intelligence. Also, the principles for creating artificial intelligence teaching aids are presented.*

Keywords: *electronic educational resource, artificial intelligence, educational tool, principle, model.*

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Today, due to the expansion of the scale of application of digital technologies in all spheres and the modernization of computer devices, the improvement of corresponding software tools, as well as the need for artificial intelligence teaching aids in the educational process, there is a need to teach students of higher educational institutions to create artificial intelligence teaching aids.

It is necessary to clarify the principles on which students of higher educational institutions initially rely when teaching the creation of artificial intelligence teaching aids. For this, it is first necessary to analyze the research of scientists in this field.

In this regard, research work was carried out by such scientists as N.N.Khakhonova [1], T.V.Plakhotya [1], I.V.Serzhenko [2], N.N.Bykova [3], M.H.Lutfillaev [4], F.L.Ratner [5], A.V.Obrubova [6], Zh.Zh.Karbozova [7], U.Sh.Begimkulov [8], N.I.Taylakov [8], R.Khamdamov [8].

In the works of these scientists, the principles of creating electronic educational resources, electronic textbooks, and electronic educational and methodological complexes are presented. By analyzing the works of these

scientists, it is necessary to adhere to the following principles for the creation of artificial intelligence teaching aids:

The principle of defining tasks and indicators. The model provides for the definition of tasks and indicators for the creation of artificial intelligence learning tools;

The principle of selecting programming languages for the creation of artificial intelligence learning tools. This principle means choosing a modern programming language for the creation of artificial intelligence learning tools;

Model selection principle This principle requires clarification of the architecture and algorithm corresponding to the creation of artificial intelligence learning tools.

evaluation principle The proposed principle requires testing of artificial intelligence training tools;

Principle of improvement. This principle means improving the results of artificial intelligence learning tools. In this case, the effectiveness of training is focused on the quality and quantity of data, computational resources, and the improvement of the chosen algorithm.

Based on the above principles, it is possible to create teaching aids with artificial intelligence. Therefore, for the creation of artificial intelligence teaching aids for students of higher educational institutions, it is first necessary to teach the application of the above-mentioned principles.

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