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Artificial Intelligence in Archiving: Statutory Regulation and Personnel Formation

Abstract

The article studies issues of digitalization of archiving and statutory regulation of procedures for using artificial intelligence technologies in this field of activity. The authors have attempted a systematic approach to the problem of using AI in the work of archives, taking into account the processes taking place within the framework of digitalization of the economy of the Russian

Federation. The study is to analyze the experience of using artificial intelligence technologies in archiving and statutory and methodological regulation of this sphere. The authors identify trends in the use of artificial intelligence technologies, as reflected in the preparation of draft standards (Artificial Intelligence. Artificial intelligence technologies used in activities of federal executive authorities. Classification and general requirements). The article touches upon development of competence-based approach in training of personnel, including archivists, in line with current trends of digitalization of all documented spheres of state activity. The article assesses compliance of local regulations with requirements of current professional standards. It addresses organization of storage, acquisition, and accounting of use of archival documents in correlation with digitalization of documented spheres of organizations' activities; organization of document storage in operational records management; formation of fonds for use of electronic copies of documents; formation of electronic archives of organizations; transfer of electronic archival documents to state permanent storage; organization of work with electronic documents in state archives; planning and construction of archival storage processes; accounting and use of documents of temporary and permanent storage; regulation and control of federal and regional state information systems, registers, and databases; creation of a unified system of archival storage of documents; introduction of an electronic archive system (acquisition, accounting, examination of value, use of archival documents). The authors have identified three tasks that need to be solved within the framework of creating archives of tomorrow, based on widespread use of AI and on determination of main standards to use in the work of archives, the solution of which requires training of personnel capable of mastering and using AI technologies in archivist's practical work.

Keywords

Archive, electronic archive, operational electronic archive, fond for use of electronic copies of documents, artificial intelligence, artificial intelligence technologies, electronic document management, electronic document.

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