

Abstract

In the world of rapidly evolving technologies, the last two years have seen a massive expansion of artificial intelligence. We are therefore all encountering emerging AI tools in our everyday lives. The thesis titled *The Impact of AI Tools on Higher Education Students* focuses on the ways in which students of Czech universities approach these new emerging technologies. After explaining the notion of artificial intelligence, the fundamental breakdown of the tools is outlined. The possible good and negative elements of these new instruments are also discussed. For the research, a mixed research design is adopted, which separates the analysis into two sections using the explanatory sequential design's processes. In the first step, a quantitative questionnaire survey was undertaken, with respondents divided proportionally into ten quotas based on the ISCED-F 2013 category. Semi-structured interviews were used in the second stage to augment the questionnaire survey. The analysis resulted in the key trends in the use of AI tools among students of Czech universities. High focus is given on the frequency of use, preferred tools, usual purposes of usage in academic, private, and professional life, faith in the generated information, and worries about potential negative consequences. The usual user groups for various AI products are presented based on their intended usage. According to the study, students rate the overall influence of AI as good and useful; nevertheless, it is crucial to consider the partial results within groups. Finally, the study makes some ideas for future research on this problem.