

PRILOZI I PRIKAZI

Ivan Stojšić¹
Biološki fakultet
Univerzitet u Beogradu

Primljen: 17.04.2024. godine
Prihvaćen: 07.07.2024. godine
DOI: 10.19090/ps.2024.1.110-112
Prikaz knjige

CHATGPT: OD POČETNIKA DO PROFESIONALCA

Autor: Mihailo Zoin

Izdavač: Kompjuter biblioteka, Beograd, 2023

The application of generative artificial intelligence tools (and particularly ChatGPT) has become an indispensable topic at conferences worldwide, as well as the subject of numerous scientific papers published in the last two years. The development of digital technologies has always impacted education, and with the rapid advancement of artificial intelligence, almost unlimited possibilities are opening up. ChatGPT is an advanced language model, developed by the company OpenAI, which uses artificial intelligence, specifically an architecture called Transformer (Eng. Generative Pre-trained Transformer - GPT) for processing queries and generating responses. The emergence of this chatbot at the end of 2022 sparked great interest among students, as well as teachers at all levels of education. However, although the number of published papers is increasing (among which educational research stands out), there are currently few publications in Serbian that provide a comprehensive overview of the possibilities, limitations, and examples of meaningful, purposeful, and critical application of ChatGPT from the perspective of the needs of different user groups (including teachers, students, and researchers). The book *ChatGPT: From Beginner to Professional* provides a comprehensive insight into the current possibilities of using ChatGPT in various fields and contexts, as well as guidelines for improving the skill of using this technology. The author of the book is Mihailo Zoin (editor and owner of the publishing house "Kompjuter biblioteka"). The book has 482 pages and is divided into six parts.

The first part of the book (chapters 1 to 12) explains the concepts of artificial intelligence, machine learning, generative artificial intelligence, and ChatGPT (versions GPT-3.5 and GPT-4), then describes the process of creating an account (and the registration process), the interface, and provides a general overview of possible ways of using ChatGPT from the perspective of different user groups (students, programmers, managers, journalists, athletes, researchers, teachers, educators, psychologists,

¹ ivan.stojasic@bio.bg.ac.rs, ivan.stojasic@yahoo.com

ecologists, marketing experts, artists, designers, farmers, and others). It also deals with the formats in which ChatGPT can display answers, as well as the issue of structuring queries (prompts), the tone of communication (including a didactic tone) and setting limitations. Chapter ten should be particularly highlighted as it deals with a review of the ways in which a user query (prompt) can be organized or formulated. It is important to emphasize that the ability to clearly and effectively formulate a query (prompt) has become a key skill on which the quality of communication with ChatGPT depends.

The second part of the book (chapters 13 to 29) explores the use of ChatGPT as an expert in various fields (tourism, data analysis, project management, sports, marketing, and others), presenting ChatGPT's responses in various assigned roles. For example, chapter 15 explains how ChatGPT can help (both beginners and professionals) in using Excel (i.e., in using the functions and tools of this program). ChatGPT, in the role of an Excel expert, can provide instructions and advice, analyze data and solve problems, as well as generate examples and exercises for practice.

The third part of the book (chapters 30 to 33) relates to using ChatGPT as a creator of specialized content. It is shown how this model can be used to generate poems, stories; speeches and presentations; translations; program code for various programming languages; templates and examples for business plans and emails; structures, clear sentences for abstracts, and keywords for scientific papers; various instructions; quizzes and tests. However, it should be noted that the author emphasizes that it is better to use artificial intelligence moderately and thoughtfully and that it is always necessary to verify the content generated by ChatGPT, as well as make certain modifications and edits because direct use (without modifications) can lead to authorship and/or copyright ownership being potentially disputable in certain commercial or academic applications.

The fourth part of the book (chapters 34 to 50) provides an overview of add-ons (such as WebPilot, Canva, Prompt Perfect, AskTheCode, daigr.am, Earth, Make A Sheet, Scholar AI, Scraper, and others) available to ChatGPT Plus users (a monthly subscription is required). The add-ons bring new functionalities and are available within the ChatGPT interface. For example, chapter 37 describes how Canva (an online graphic design platform) becomes even easier to use because visual materials are generated directly from a conversation with ChatGPT, while chapter 45 discusses the Scholar AI add-on that enables searching and analyzing scientific papers. Also, this part of the book contains an overview of certain Google Chrome extensions for ChatGPT (chapter 50).

The fifth part of the book (chapters 51 to 53) describes how ChatGPT can be used for job searching, writing a CV, and preparing for a job interview. It also addresses the issue of how ChatGPT can help in building a personal brand by analyzing the model's responses on certain topics (chapter 53).

The sixth part of the book consists of two appendices. Appendix A deals with understanding ChatGPT's visual capabilities, and among other things, addresses issues

related to using this artificial intelligence model for solving school tasks (including the question of academic integrity). The author recommends using this technology to check solutions to school tasks, not as a substitute for learning. Appendix B relates to exercises with queries, providing examples of queries for teachers.

Generative artificial intelligence tools have the potential to significantly change education. In other words, the application of ChatGPT and similar tools represents both a development opportunity and a challenge for educational institutions and teachers. It should also be noted that the optimal use of ChatGPT requires a certain level of digital literacy from users, and that ethical issues have not yet been clearly considered and addressed (various initiatives are working on developing more detailed guidelines and established rules). The book *ChatGPT: From Beginner to Professional*, although intended for a wide audience, can be useful for teachers in understanding the possibilities offered by generative artificial intelligence technology (i.e., ChatGPT), and help them master the techniques for formulating queries (prompts) as well as ways to create content (for teaching), and teach them how to use this tool as a resource for professional development and career growth.