A Series of Prompts for Preparing a Theoretical Academic Paper

Prompt 1: I will be asking you to prepare a complete theoretical academic paper using the provided literature. Refer only to the uploaded studies, but you may use your full knowledge base to create the text. The topic is the relationship between artificial intelligence and education. Do not provide a title yet; I will ask for it at the end of the process. I am now uploading the necessary literature. Read them in detail! Do NOT write the paper yet; I will provide the requests one by one.
The citation for the first literary source, the uploaded "AI (1).pdf", is: Bognár, A. (2024). The Significance of Artificial Intelligence in Teacher Training. *Pedagógusképzés*, 23(1), 115–123. https://doi.org/10.37205/TEL-hun.2024.1.09
The citation for the second literary source, the uploaded "AI (2).pdf", is: Sanusi, I. T., Agbo, F. J., Dada, O. A., Yunusa, A. A., Aruleba, K. D., Obaido, G., Olawumi, O., Oyelere, S. S., & Centre for Multidisciplinary Research and Innovation (2024). Stakeholders' insights on artificial intelligence education: Perspectives of teachers, students, and policymakers. *Computers and Education Open*, 7, 100212. https://doi.org/10.1016/j.caeo.2024.100212
The citation for the third literary source, the uploaded "AI (3).pdf", is: Marciniak, R., & Baksa, M. (2024). Text-Generating Artificial Intelligence in Social Science Higher Education: Fears and Opportunities. *Educatio*, 32(4), 599–611. https://doi.org/10.1556/2063.32.2023.4.4
The citation for the fourth literary source, the uploaded "AI (4).pdf", is: Buda, A. (2024). The Diverse Artificial Intelligence. *Educatio*, 33(1), 1–12. https://doi.org/10.1556/2063.33.2024.1.1
The citation for the fifth literary source, the uploaded "AI (5).pdf", is: Rajki, Z., T. Nagy, J., & Dringó-Horváth, I. (2024). Artificial Intelligence in Higher Education. *Iskolakultúra*, 34(7), 3–22. https://doi.org/10.14232/iskkult.2024.7.3
The citation for the sixth literary source, the uploaded "AI (6).pdf", is: Porkoláb, Á., & Fekete, T. (2023). The Application of Artificial Intelligence in Language Learning. *Iskolakultúra*, 33(8), 67–80. https://doi.org/10.14232/iskkult.2023.8.67
The citation for the seventh literary source, the uploaded "AI (7).pdf", is: Dieterle, E., Dede, C., & Walker, M. (2022). The cyclical ethical effects of using artificial intelligence in education. *AI & Society*, 1–11. https://doi.org/10.1007/s00146-022-01497-w
The citation for the eighth literary source, the uploaded "AI (8).pdf", is: Mao, J., Chen, B., & Liu, J. C. (2024). Generative Artificial Intelligence in Education and Its Implications for Assessment. *TechTrends*, 68(1), 58–66. https://doi.org/10.1007/s11528-023-00911-4
The citation for the ninth literary source, the uploaded "AI (9).pdf", is: Dietz, F. (2020). Artificial Intelligence in Education: Challenges and Opportunities. *Scientia Et Securitas*, 1(1), 54–63. https://doi.org/10.1556/112.2020.00009
The citation for the tenth literary source, the uploaded "AI (10).pdf", is: Rausch, A. (2024). Is Digital Education Sustainable in the Shadow of Climate Change? *Iskolakultúra*, 34(5), 15–24. https://doi.org/10.14232/iskkult.2024.5.15
The citation for the eleventh literary source, the uploaded "AI (11).pdf", is: Rajki, Z. (2023). Applications Based on Artificial Intelligence in the Fields of Humanities, Social Sciences, and Education. *Humán Innovációs Szemle*, 14(2), 4–21. https://doi.org/10.61177/HISZ.2023.14.2.1
The citation for the twelfth literary source, the uploaded "AI (12).pdf", is: Mátyás, A. (2024). Artificial Intelligence in Education: Challenge or Opportunity? *Educatio*, 33(1), 101–104. https://doi.org/10.1556/2063.33.2024.1.13
The citation for the thirteenth literary source, the uploaded "AI (13).pdf", is: Szűts, Z. (2024). The Effects of Artificial Intelligence: Hopes, Fears, Scenarios, and Solutions. *Educatio*, 33(1), 24–33. https://doi.org/10.1556/2063.33.2024.1.3

The citation for the fourteenth literary source, the uploaded "AI (14).pdf", is: Végh, E. (2024). The Balance of Innovation and Ethics: Legal Aspects of the Impact of Artificial Intelligence on Education. *Educatio*, 33(1), 97–100. https://doi.org/10.1556/2063.33.2024.1.12
The citation for the fifteenth literary source, the uploaded "AI (15).pdf", is: Molnár, G. (2024). The Impact of Artificial Intelligence on Measurement and Evaluation. *Educatio*, 33(1), 55–64. https://doi.org/10.1556/2063.33.2024.1.6
The citation for the sixteenth literary source, the uploaded "AI (16).pdf", is: Móser, A., & Szűts, Z. (2023). Digital Tools Supporting Language Learning. *Magyar Nyelvőr*, 147(2), 164–185. https://doi.org/10.38143/Nyr.2023.2.164
The citation for the seventeenth literary source, the uploaded "AI (17).pdf", is: Kovács, M. (2024). Is There a Book from Which We Can Learn How Artificial Intelligence Works, or Is It Already Too Late? *Educatio*, 33(1), 93–96. https://doi.org/10.1556/2063.33.2024.1.11
The citation for the eighteenth literary source, the uploaded "AI (18).pdf", is: Tóth, A. (2024). ChatGPT in Mathematics Education. *Educatio*, 33(1), 69–79. https://doi.org/10.1556/2063.33.2024.1.8
The citation for the nineteenth literary source, the uploaded "AI (19).pdf", is: Horváth, L. (2024). Opportunities and Challenges of Artificial Intelligence in the Process of Pedagogical Planning. *Educatio*, 33(1), 34–45. https://doi.org/10.1556/2063.33.2024.1.4
The citation for the twentieth literary source, the uploaded "AI (20).pdf", is: Csepeli, G. (2024). The New Prince. *Educatio*, 33(1), 65–68. https://doi.org/10.1556/2063.33.2024.1.7
The citation for the twenty-first literary source, the uploaded "AI (21).pdf", is: Z. Karvalics, L. (2024). Artificial Intelligence as a Knowledge Environment and Knowledge Prosthesis. *Educatio*, 33(1), 13–23. https://doi.org/10.1556/2063.33.2024.1.2
The citation for the twenty-second literary source, the uploaded "AI (22).pdf", is: Bessenyei, I. (2020). Human, Machine, Learning. *Educatio*, 29(2), 279–285. https://doi.org/10.1556/2063.29.2020.2.7
The citation for the twenty-third literary source, the uploaded "AI (23).pdf", is: Horváth, L. (2023). An Exploratory Literature Review on the Educational Use of Artificial Intelligence. *Pannon Digitális Pedagógia*, 3(1), 5–17. https://doi.org/10.56665/PADIPE.2023.1.1
The citation for the twenty-fourth literary source, the uploaded "AI (24).pdf", is: Baditzné Pálvölgyi, K., & Jakab, L. (2023). Application Possibilities of Artificial Intelligence in Teaching: Initial Experiences and Good Practices. *Anyanyelv-Pedagógia*, 16(3), 47–78. https://doi.org/10.21030/anyp.2023.3.3
The citation for the twenty-fifth literary source, the uploaded "AI (25).pdf", is: Bokor, T. (2023). The Application of Artificial Intelligence in Education – Challenges and Consequences from a Technology-Invariant Perspective. In Z. Kovács (Ed.), *A comprehensive investigation of the effects of artificial intelligence and other disruptive technologies* (pp. 114–129). Military National Security Service.
The citation for the twenty-sixth literary source, the uploaded "AI (26).pdf", is: Tolner, N., Pogátsnik, M., & Módné Takács, J. (2023). The Role of Artificial Intelligence in Online Examination. *Iskolakultúra*, 33(10), 39–55. https://doi.org/10.14232/iskkult.2023.10.39
The citation for the twenty-seventh literary source, the uploaded "AI (27).pdf", is: Szűts, Z., & Námesztovszki, Z. (2023). The Challenges of Digitalization from the Perspective of the Civilian, Everyday User: Does the Use of Artificial Intelligence in Education Develop or Replace the Individual? *Civil Szemle*, 5, 57–66. https://real.mtak.hu/174919/
The citation for the twenty-eighth literary source, the uploaded "AI (28).pdf", is: Szalay-Bekő, M. (2024). The Possibility of Teaching Generative Artificial Intelligence in Secondary Schools. *Opus Et Educatio*, 11(1). https://doi.org/10.3311/ope.600
The citation for the twenty-ninth literary source, the uploaded "AI (29).pdf", is: Borsboom, D., van der Maas, H. L. J., Dalege, J., Kievit, R. A., & Haig, B. D. (2021). Theory Construction

Methodology: A Practical Framework for Building Theories in Psychology. *Perspectives on Psychological Science: A Journal of the Association for Psychological Science*, 16(4), 756–766. https://doi.org/10.1177/1745691620969647
The citation for the thirtieth literary source, the uploaded "AI (30).pdf", is: Franck, A., & Ayodele, A. A. (2018). Principles, Theories and Approaches to Critical Discourse Analysis. *International Journal on Studies in English Language and Literature*, 6(1), 11–18. https://doi.org/10.20431/2347-3134.0601002
The citation for the thirty-first literary source, the uploaded "AI (31).pdf", is: Bos, W., & Tarnai, C. (1999). Content analysis in empirical social research. *International Journal of Educational Research*, 31(8), 659–671. https://doi.org/10.1016/S0883-0355(99)00032-4

Prompt 2: I am providing the style requirements! Read these, and write the chapters accordingly.

- Write a continuous, essay-like text.
- Write a text that is of a scientific standard and intellectually sophisticated.
- Use precise and formal language.
- The text should include logical connectives and relevant technical terms.
- Support your arguments with details and citations to sources (use in-text citations in APA format).
- Use varied sentence structures to ensure a natural rhythm.
- Apply a rich and varied professional terminology, with special attention to the specific concepts of the field.
- Strive for terminological accuracy; do not substitute the established technical terms of the discipline with more general concepts.
- Structure the line of reasoning as an expert or a doctoral student in the field of education sciences would, utilizing the argumentative structures and conventions of the discipline.
- Under the chapters I provide, write a maximum of 1-2 subchapters; do not write subchapters for the discussion and conclusion sections.
- Write the chapter titles in **bold** and the subchapters in *italics*.
- Use the standard English quotation mark, which is: “ ”.
- Write the paper as if you were a human author. Do not refer to the fact that you were given this task. Do not refer to having received 31 studies.

Prompt 3: Within the chapter titled **"1. Introduction"**, present the research topic and its significance. Place the topic in the broader context of its scientific field and outline the structure of the paper. The introduction should capture the reader's interest while remaining professional and objective. Write 500 words.

Prompt 4: Within the subchapter titled *"1.1. Rationale for the Study"*, use the uploaded documents to explain in detail the necessity of investigating the topic. Formulate specific, clear research questions. Point out any potential gaps or contradictions in the literature that the paper aims to clarify. Define the research objective and its expected added value to the scientific field. Write 250 words.

Prompt 5: In the chapter titled **"2. Theoretical Background"**, relying on the uploaded documents, review the theoretical foundations of the topic. Present the relevant concepts, theories, and their development. Uncover the relationships between key concepts. If relevant, outline the historical development of the topic. This chapter should form the basis for the analysis, so it must be thorough and well-structured. Write 1000 words.

Prompt 6: In the chapter titled **"3. Methodology"**, describe in detail the chosen research method. Choose one or more of the following three methods:

1. Theory construction methodology (you will find its description among the uploaded documents)
2. Critical discourse analysis (you will find its description among the uploaded documents)
3. Hermeneutic analysis (you will find its description among the uploaded documents)

Justify why the chosen method(s) are the most suitable for answering the research questions. Elaborate on the specifics of applying each method and their potential limitations. Write 500 words.

Prompt 7: In the chapter titled **"4. Analysis"**, conduct an in-depth analysis by applying the presented methods and using the uploaded literature. Formulate a new theoretical approach or synthesis. Structure your arguments logically and support them with appropriate citations. The analysis should be critical in nature, addressing different viewpoints and highlighting interconnections. Write 1500 words.

Prompt 8: In the chapter titled **"5. Discussion"**, critically evaluate the newly developed theory in light of the existing literature. Examine the practical applicability of the theory. Compare the findings with previous theories. Point out the advantages and potential limitations of the new approach. The discussion should also reflect on the broader context of the research. Write 500 words.

Prompt 9: In the chapter titled **"6. Conclusion"**, summarize the main findings of the paper. Answer the research questions formulated in subchapter 1.1. Point out the limitations of the research and suggest directions for future studies. The conclusion should logically wrap up the paper and emphasize its significance to the scientific field. Write 250 words.

Prompt 10: Based on the text created so far, formulate a concise and informative title for the academic paper that accurately reflects the research focus and significance.

Prompt 11: Identify five keywords that best characterize the central theme and theoretical framework of the paper. Provide the keywords in the following format: Keywords: the five keywords separated by commas.

Prompt 12: Write a concise abstract that summarizes the paper's purpose, methodology, main findings, and conclusions. The abstract should be self-contained and provide a comprehensive overview of the entire work. Write 150 words.

Prompt 13: Create the bibliography in APA format. List every cited work in the bibliography, and only list the works that were cited.