Appendix

Prompt #1 – Research 1 – CoPilot, Version as of November 2024

Below I provide you with 7 abstracts from scientific papers. Analyze each abstract individually and derive the most likely requirement that you can identify in each abstract. Assign a maximum of one requirement to each abstract. Requirements can occur more than once. Output the result in the form of a list. Do NOT make any assumptions. Do NOT create a bibliography. Do NOT create an abstract or bullet points. The abstracts listed after this sentence begin with an individual number each. ###Abstracts###

Prompt #2 – Research 1 – CoPilot, Version as of November 2024

Below I provide you with 482 requirements identified from abstracts of scientific papers. Analyze each of the 482 requirements. Please generalize the specific requirements. If you can find commonalities, group the requirements. If grouped, please indicate the total number of requirements assigned to a group. Do NOT make assumptions. The requirements listed after this sentence each begin with their own number. ###Requirements###

Prompt – Research 2 – Mixtral 8x7B

Analyze the following csv file with a list of abstracts from scientific papers with the corresponding numbers. Analyze each abstract individually and derive the most likely topics with latent dirichlet allocation that you can identify in each abstract. Compare with the list of 19 topics below. Suggest a new topic if you identify a new one - mark as new topic. Create ALWAYS a two-sentence-summary of EACH abstract for topics quality assurance purposes.

1. Ethics / Ethical
2. Education
3. Standardization
4. Transparency / Auditability
5. Technical Adoption / Integration
6. Interdisciplinary / Collaboration
7. Human Interaction
8. Risk Management
9. Responsible AI / Non-biased AI
10. Accountability
11. Management
12. Trustworthy AI
13. Sustainability / green AI
14. Global / International
15. Privacy
16. Governance / Guidelines / Regulation / Legal
17. Best Practise
18. Financial
19. Future Research

List ONLY topics from the list of topics 1-19 and mark new topic as NEW TOPIC FOUND. Reply in JSON or CSV format if possible.