

LAB Exercise

Thursday, February 20, 2025 8:46 AM

Lab 1.2: Ramp up on a new domain by analyzing peer reviewed journal articles (pdfs)

This exercise will use the attached prompt to help you ramp up on a new domain by quickly reviewing peer reviewed journal articles. If you need inspiration or would like to try something new, there are sample topics and articles linked below. Otherwise, feel free to bring your own articles to the exercise.

Exercise Option 1: Run your own chat

1. Pick a sample topic area (forensic anthropology, organizational psychology, or human factors) that is new and interesting to you.
2. Download the sample articles
3. Choose one article for the analysis
4. Copy/paste the prompt (attached) into the chat. I recommend Chat GPT o1
5. Update the top section with the research question and business problem provided for each topic area.
6. Run the prompt.
7. Switch to audio mode (see chat box for button)
8. Start asking it questions to learn more.

Exercise Option 2: Use an agent

1. Select an article.
2. Use [the agent located here](#)
3. In the chat box upload the article and type "go"
4. If asked "what part of the analysis to run" reply "all of it."
5. Switch to audio mode (see chat box for button)
6. Start asking it questions to learn more.

Sample topics

Forensic anthropology:

Research question: How can I apply this to my work with mass disasters like plane crashes?

Business problem: I need to identify human remains in the field without the benefits of a large laboratory and osteometric tools

Sample Articles:

[Age Estimation From Stages of Union of the Vertebral Epiphyses of the Ribs](#)

[A New Method for Estimating Age-At-Death From the First Rib](#)

Organizational Psychology:

Research question: How can I use this research to better understand how to build a better organizational culture?

Business problem: I have hired a lot of new employees straight out of college and I need to speed up the forming->performing process.

Sample Articles:

[Liminality and the practice of identity reconstruction](#)

[Liminality and the emergence of an integrated being](#)

Human Factors:

Research question: How can I use this research to better understand how wayfinding has changed and what risks it poses for people who are unaccustomed to reading maps?

Business problem: I need to design an augmented reality game that uses maps and real world input as part of its gameplay.

Sample Articles:

[GPS And the end of the road](#)

[The particularities of place](#)

Worked examples

ChatGPT: [Age estimation using the first rib](#) (Forensic Anthropology)

ChatGPT: [Liminality and the practice of identity reconstruction](#) (Organizational Psychology)

ChatGPT: [GPS and the End of the Road](#) (Technology philosophy, human factors)