

Exploring Intelligence: Building Learning Resources

This assignment provides an opportunity for you to actively engage in building ancillary materials (notes, links, quiz question study guides, exercises, etc.) for our course on artificial intelligence. Through guided inquiry-based learning, you will explore key questions about intelligence and collaborate to create resources that will support your peers in mastering the content and preparing for exams. The materials will be compiled in a public Git repository, making them accessible and useful beyond the current class.

Learning Outcomes

After completing this assignment, students will be able to:

- Identify and digest learning resources to answer questions in the field of artificial intelligence.
- Collaborate with peers to synthesize knowledge into key ideas.
- Design appropriate exercises to solidify understanding of the material.

Inquiry Questions

Explore the following questions for this assignment:

- What is intelligence?
 - How do we measure human intelligence?
 - Are there different types of intelligence?
 - How can we determine if an animal is intelligent?
 - How is knowledge acquired?
 - Do definitions of intelligence vary between cultures?

Collaboration

We will complete this work on a shared Git repository. Individual contributions will be made via pull requests, which will require at least one review from a peer. The repository structure has been created in advance for you.

By contributing to the repository, you agree to license your work under the included Apache 2.0 license. This content will be made available on GitHub

and the web, ensuring that it remains useful and accessible to a broader audience outside of those currently enrolled in this course. You are free to contribute to the repository pseudoanonymously if desired. If you are uncomfortable sharing your work publicly, please reach out to your instructor about alternate ways to participate in this learning experience.

Evaluation

You will be evaluated on your active participation in the process. It is expected that you will be engaged during class sessions and contribute outside of the classroom. The quality and quantity of your contributions will be assessed. Large amounts of superficial content are not helpful, but not contributing at all is also not acceptable.

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