

# Module 6

## Reading and Short Answer Assignment

Assigned: Wednesday, 05/29/2024

Due: Wednesday, 06/05/2024 by 11:59:59 PM

This week you will read the beginning sections of two seminal works in LLMs: GPT2 and T5.

Please read sections 1 and 2 of the GPT2 paper:

[https://d4mucfpksywv.cloudfront.net/better-language-models/language\\_models\\_are\\_unsupervised\\_multitask\\_learners.pdf](https://d4mucfpksywv.cloudfront.net/better-language-models/language_models_are_unsupervised_multitask_learners.pdf)

And also sections 1 and 2 of the T5 paper:

<https://arxiv.org/pdf/1910.10683.pdf>

### Questions

Please write a short response (4-5 sentences / short paragraph) to each of the following questions / the following question. Your responses will be graded for accuracy, critical thinking, and clarity. You may use any common word processing or text format. Please upload your answers by the due date.

**Question 1:** GPT2 and T5 introduced similar ideas in the beginning of 2019. The key idea is stated in the GPT2 paper: *“the supervised objective is the same as the unsupervised objective, but only evaluated on a subset of the sequence”*. Explain what this means in your own words.