

Module 5

Reading and Short Answer Assignment

Assigned: Wednesday, 05/29/2024

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

This week your assignment is to read the article “Transformers from Scratch” by Peter Bloem. Note that while this provides a great explanation of transformers, some of the specifics are slightly dated. If you see an implementation discrepancy between this article and our class lecture notes, please defer to the lecture notes.

<https://peterbloem.nl/blog/transformers>

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: What are the main differences between “modern” transformers and the original encoder/decoder transformer (“historical baggage” as Bloem calls it)? Why has the model architecture changed?