

University of North Texas
Advanced Data Analytics – Graduate School

**ADTA 5760.501 – Applied Natural Language Processing
Suggested Reading**

Thuan L Nguyen, PhD

1. Week 1

No suggested readings

2. Week 2

- Large Language Models: Open Source LLMs in 2023 [[external link](#)]

3. Week 3

- What is Mixtral 8x7B? The open LLM giving GPT-3.5 a run for its money [[external link](#)]

4. Week 4

- Impact of LLM's on economy, Moravec's paradox and Learning in Simulation [[external link](#)]

5. Week 5

- Navigating the Future of Work: An Early Look at the Impact of Large Language Models [[external link](#)]

6. Week 6

- Impact of Large Language Models on Future of Jobs [[external link](#)]

7. Week 7

- Generative AI: a game-changer that society and industry need to be ready for [[external link](#)]

8. Week 8

No suggested readings

9. Week 9: Spring Break

No suggested readings

10. Week 10

- Are large language models right for scientific research [[external link](#)]

11. Week 11

- Science in the age of large language models (LLMs) [[external link](#)]

12. Week 12

- Cybersecurity in the Age of Large Language Models(LLMs) [[external link](#)]

13. Week 13

- Transforming Cybersecurity in the Age of Large Language Models (LLMs) and Generative AI [[external link](#)]

14. Week 14

- The Quantum Leap: How Quantum Computing Will Shape the Future of Large Language Models [[external link](#)]

15. Week 15

- Quantum Computing and LLMs: A Strategic Integration for Solving Global Challenges [[external link](#)]

16. Week 16

No suggested readings