

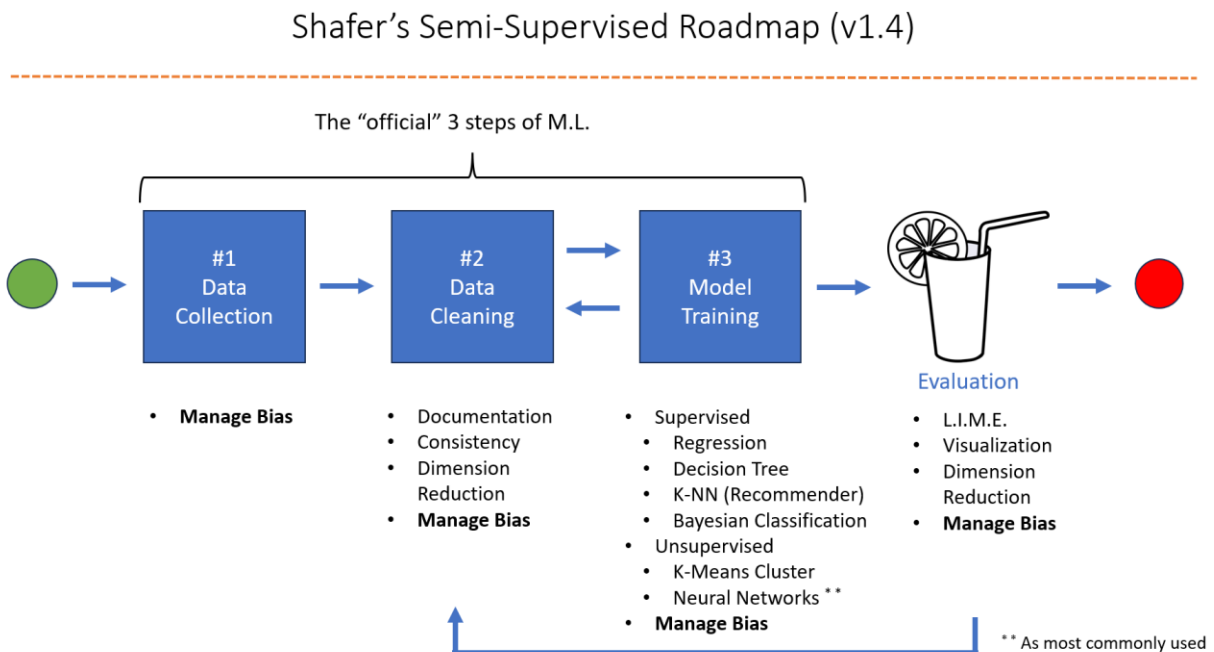
MIS3536 – Information Systems Innovation with AI

Study Guide – Exam 2 – Fall 2024

The exam will be comprised of 50 multiple choice questions. The questions will be worth two points each. The exam will be paper-based, and students will report their answers using a SCANTRON.

Exam 2 is a closed book, closed note exam. Students will be given 120 minutes to complete the exam.

Students should review the material we have studied up until this point in the semester. The following diagram is offered as a form of overview. Students should be familiar with the terms used in this diagram.



Twenty-five exam questions will be derived from material found in the lectures This includes the assigned "Intro to Large Language Models" video by Andrej Karpathy.

Twenty-five exam questions will directly/deliberately reference and of the "Long reads" Case study discussions.

There is a natural overlap between the content of the "Roadmap Activities", "Workplace Activities" and the lecture materials. Students should treat the **lecture materials** and **the 5 selected listening assignments** as the primary source of information.

Students will **not** be expected to answer questions related to technical specifics of Python code, or Excel Add ins.

Students should study material found in the following:

01 MIS3536-AI-ML-DL.pptx

02 MIS3536-Supervised-vs-Unsupervised-Learning.pptx

03 MIS3536-Interpretability.pptx

04 MIS3536-Managing-Bias.pptx

05 MIS3536-Intro-Bayesian-Cognition-v1-1.pptx

06 MIS3536-LLMs.pptx

07 MIS3536-LLMs Revisited.pptx

Intro to Large Language Models (by Andrej Karpathy)

08 MIS3536-When AI Hallucinates.pptx

And from these listening assignments:

1. The Techno-Optimist Manifesto (9/4)
2. The AI Agent Era begins (10/23)
3. Is AI Optimism in the Air? (10/30)
4. AI and the looming economic challenge (11/6)
5. Why AI Agents will do for the Enterprise what RPA never could (12/2)