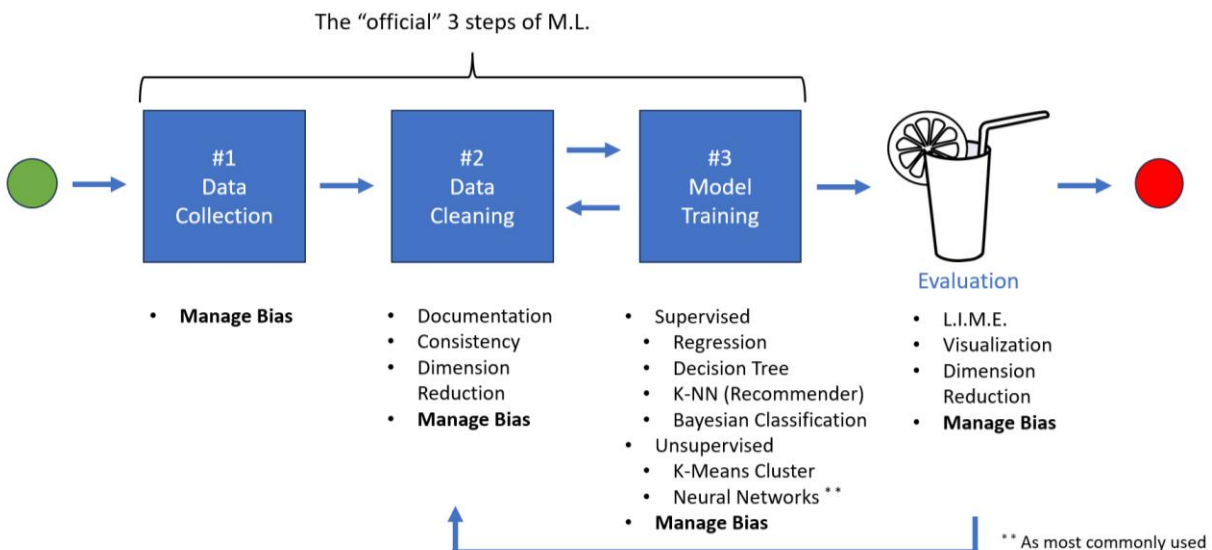# MIS3536 – AI and ML in the workplace

Study Guide – Exam 2 – Spring 2025

The exam will be comprised of 50 multiple choice questions. 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 50 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.

Thirty-five exam questions will be derived from material found in the lectures.

Fifteen exam questions will directly/deliberately reference viewing / reading assignments.

There is a natural overlap between the content of the assignments, activities and the lecture materials. Students should treat the **lecture materials** and **the 3 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.

CONTINUED

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 Part 2.pptx

08 MIS3536-AICyber.pptx

09 MIS3536-SecureAI.pptx

10 MIS3536-Huggingface.pptx

And from these listening assignments:

1. The Techno-Optimist Manifesto (1/15)
2. Yes, DeepSeek IS Actually a Massive Deal for AI (2/3)
3. Can AI think? (3/12)