

1. First-order Logic:
 - a. FOL slides: slides 1 to 20. Equality operator is not included.
 - b. Inference in Logic: Unification and Resolution in FOL.
2. Uncertainty:
 - a. Slides 1 to 27 in Uncertainty1
 - b. Slides 1 to 9 in Uncertainty2
 - c. Slides 1 to 6 in Uncertainty3
3. Machine Learning:

From ML book -

 - a. Chapter 2
 - b. Chapter 3
 - c. Sections 6.1, 6.2, 6.7, 6.9, 6.10
4. Density Estimation
 - a. All slides in Maximum Likelihood Estimator, EM (Part1), EM (Part2), Clustering
5. MDP
 - a. All slides in MDP and RL