Resume for the lesson

Probabilistic graphical models:

- Hidden Markov Models (generative, directed)
- Maximum Entropy Markov Models (discriminative, directed)
- Conditional Random Field (discriminative, undirected)

Tasks:

- Training – fit parameters (Baum-Welch for HMM)
- Decoding – find the most probable tags (Viterbi for HMM)

Practice:

- Features engineering + black-box implementation