



book IR

▼ Week 1: IR0 recap



Video: IR0 recap [alternate link]



IR1-text-analysis-handout.pdf



IR1-indexing-handout.pdf

▼ Week 2: Evaluation



Video 1/2: Intro to Evaluation in IR



Video 2/2: Offline Evaluation



IR1-intro-evaluation.pdf



IR1-offline-evaluation.pdf

▼ Week 3: Document representation and matching

 Video 1/4: Query processing

 Video 2/4: Term-based retrieval

 Video 3/4: Semantic retrieval

 Video 4/4: Neural models for ranking

 IR1-query-processing-handout.pdf

 IR1-termbased-retrieval-handout.pdf

 IR1-semantic-retrieval-handout.pdf

 IR1-neural-models-handout.pdf

▼ Week 4: Learning to Rank (LTR) and Interactions

 Video: Learning to Rank & Interactions

 IR1-learning-to-rank-handout-v2.pdf

 IR1-user-interactions-handout.pdf

▼ Week 5: Counterfactual and online evaluation & LTR



Video 1/3: Introduction



Video 2/3: Counterfactual Learning to Rank



Video 3/3: Online Learning to Rank



IR1-counterfactual-ltr-handout.pdf



IR1-online-ltr-handout.pdf



IR1-counterfactual-and-online-references.pdf

▼ Week 6: Conversational search and recommender systems



Video: Conversational IR



IR1-conversational-ir.pdf

Week 6: Conversational
recommender systems

▼ **Week 7: Recommender systems (cont), recap**



Video 1/2: Recommender systems



Video 2/2: Recap and wrapping up



IR1-recommender-systems.pdf



IR1-recap-and-wrapping-up.pdf