Course Goal

- Advanced (graduate-level) introduction to the field of **information retrieval** (IR), **broadly including text mining**
- Goal
  - Provide a systematic introduction to **statistical language models** and their **applications** in **text retrieval** and **text analysis**
  - Provide an opportunity for students to **explore frontier topics** via **frontier topic presentations** and **course projects** (customized toward the interests of students)
  - Provide training on experimental skills via an **experimental la**b module
  - Give students enough training for doing **research in IR** or **applying advanced IR techniques to applications**
  - Tangible outcome: **research papers**, **software tools/systems**