Examples of Text Categorization

- **Text objects can vary** (e.g., documents, passages, or collections of text)
- **Categories can also vary**
  - **"Internal"** categories that characterize a text object (e.g., topical categories, sentiment categories)
  - **"External"** categories that characterize an entity associated with the text object (e.g., author attribution or any other meaningful categories associated with text data)
- Some **examples of applications**
  - News categorization, literature article categorization (e.g., MeSH annotations)
  - Spam email detection/filtering
  - Sentiment categorization of product reviews or tweets
  - Automatic email sorting/routing
  - Author attribution