Sentiment Classification: Task Definition

- Input: An opinionated text object
- Output: A sentiment tag/label
  - Polarity analysis: e.g., categories = {positive, negative, neutral}, or categories ={5, 4, 3, 2, 1}
  - Emotion analysis (beyond polarity): e.g., categories ={happy, sad, fearful, angry, surprised, disgusted}
- A special case of text categorization! ➔ Any text categorization method can be used to do sentiment classification
- Further improvement comes from
  - More sophisticated features appropriate for sentiment tagging
  - Consideration of the order of the categories (e.g., ordinal regression)