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DelseySabu-M01-DFD-Final.pdf

Sentiment Analysis
Sentiment analysis is the process of figuring out if the sentiment of a given text is positive, negative, or neutral. Light reading (https://www.lexalytics.com/technology/sentiment-analysis). The process can be broken down into these steps;

1. Acquire Text from text repository, social media page, book, news article etc.
2. Break each text into its component parts (sentences, phrases, tokens and parts of speech)
3. Apply Sentiment Classification Model OR Build Sentiment Classification Model
   a) Identify each sentiment-bearing component
   b) Assign a sentiment score to each phrase and component (-1 to +1). (sentiment score is given by comparing to the adjectives and phrases that are already human scored in the sentiment library, this is why we need annotated text, because we can train the model)
   c) Combine scores if more than one sentiment-bearing components were identified
   d) Classify the combined total score as neutral, positive, or negative.