

Goals, Environment, and Adaptation worksheet

Goal:

Detect and recognize types of feelings through the expression of texts, such as anger, disgust, fear, happiness, sadness, and surprise

Environment:

- Receive text from users, which may be as short as one sentence or as long as an article.
- Context of a sentence (Meaning of sentence within different context can vary)
- One sentence can contain multiple emotions
- Sentence may contains typo
- More possibilities:
 - More language support

Adaptation:

- Preprocessing of input sentence:
 - Parse down the long article piece by piece
 - Correction of typing
- Detect emotion based on the previous sentences and sentences after the target sentence
- Using continuous results to represent a mix of emotions

