Technical Document

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This document describes how to replicate the results generated in our study.

1. Training for the Positive/Negative Emotion Model

`trian.py` script trains the model which classifies positive/negative emotion.

To use it,

1. Place `data` folder in the same level with `train.py` script
2. Navigate terminal to the same folder
3. Run command `python3 train.py`

It takes roughly 5 hrs to generate all the results. All the model performance with its properties will be recorded in `model_evaluation.csv` file which will be generated automatically after the training job.

2. Training for the Relative Valence Model

`trian_relative.py` script trains the model which classifies relative valence.

To use it,

1. Place `data` folder in the same level with `trian_relative.py` script
2. Navigate terminal to the same folder
3. Run command `python3 trian_relative.py`

It takes roughly 5 hrs to generate all the results. All the model performance with its properties will be recorded in `model_evaluation_relative.csv` file which will be generated automatically after the training job.