Step 1: Clone the repository to your Local Machine

- For MAC users, open the terminal/ For Windows users, open the Gitbash terminal
- Type the following command:

```
git clone https://github.com/narrasriram/EMOTION-RECOGNITION-USING-FINE-TUNED-MODELS-ERFM-.git
```

Step 2: Download the Models

- Download the models from the below publicly accessbile Google Drive Links -

  For Distilbert Model:
  https://drive.google.com/folderview?id=18K2g5mPgVkCbp-ioeW89Pjc1Zh0eSlWY

  For ALBERT Model:
  https://drive.google.com/drive/folders/1vVfeSXd0xXZSpxY83fy4Xc0_D7kSoBM8?usp=sharing

Step 3: Organize the Project Files in a Folder

- Create a folder for the project “ReplicatingEmotionRecognizer”
- Paste a copy of “emotionrecognizer.py” file from the cloned github repository folder to the “ReplicatingEmotionRecognizer”
- Store the downloaded Distilbert and ALBERT in the “ReplicatingEmotionRecognizer” folder

Step 4: Update the Model Accessible Paths

- Open the “emotionrecognizer.py” file
- Update the path of Distibert Model specified in the file to your system path where the Distilbert Model is present.

- Update the path of ALBERT Model specified in the file to your system path where the ALBERT Model is present.

Step 5: Install Dependencies

- Install k-train library using the following command in terminal

```
pip install ktrain
```

- Install transformers library using the following command in terminal

```
pip install transformers
```

Step 6: Run the File

- In the command prompt, navigate to the “ReplicatingEmotionRecognizer” folder.
- Type the following command to run the File:

```
python3 emotionrecognizer.py
```

Step 7: Test with an Example

- When the user runs the python file, the system prompts to give an input sentence.
- Once the user enters the Input Sentence and click on Enter button, the system generates the output for the user.