Readme for reproducibility submission of paper "TotalDefMeme: A Multi-Attribute Meme dataset on Total Defence in Singapore"

A) Source code info
    Repository: https://gitlab.com/bottle_shop/meme/TotalDefMemes
    Programming Language: Python
    Additional programming language info: python 3.8
    Packages/Libraries needed:
    python -m pip install 'git+https://github.com/facebookresearch/detectron2.git
    transformers==4.27.3
    json
    torch==1.9.0
    sklearn
    PIL
    torchvision==0.9.0
    numpy
    glob
    open-cv

B) Dataset Info
    https://drive.google.com/file/d/1oJIh4QQS3Idff2g6bZORstS5uBROjUUz/view?usp=share_link
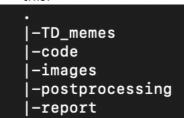
C) Hardware info
    The experiment code is tested on linux environment.

D) Experimentation info
    To run clustering, follow these steps:
    1. Download the dataset and place in the root folder. Folder structure should look like this:

    ```
    .
    |-TD_memes
    |-code
    |-images
    |-postprocessing
    |-report
    ```

    2. Run python code/visual_embedding.py
    3. Run python code/clustering.py

    For classification experiments, follow the strps in the notebook – code/classification.ipynb