An Handwritten Equation solver using CNN

Equation can contain any digit from 0-9 and symbol +,x,-
Works on image with white background and digits/symbols are in black.

You can run all the three ipynb files either separately or sequentially.
1. For running Data_extraction.ipynb first download train images.rar zip file
and extract it in the folder containing Data_extaction.ipynb file.
2. For running train.ipynb, you either need to download train_final.csv or you
 can run it after succesfully running Data_extraction.ipynb.
3. For running CNN test.ipynb, you either need to download model_final.h5 and
model_final.json file or you can run it after succesfullyn running train.ipynb
 file. You also need to replace the path of the image in code from the local p
ath of image to be tested on your computer.