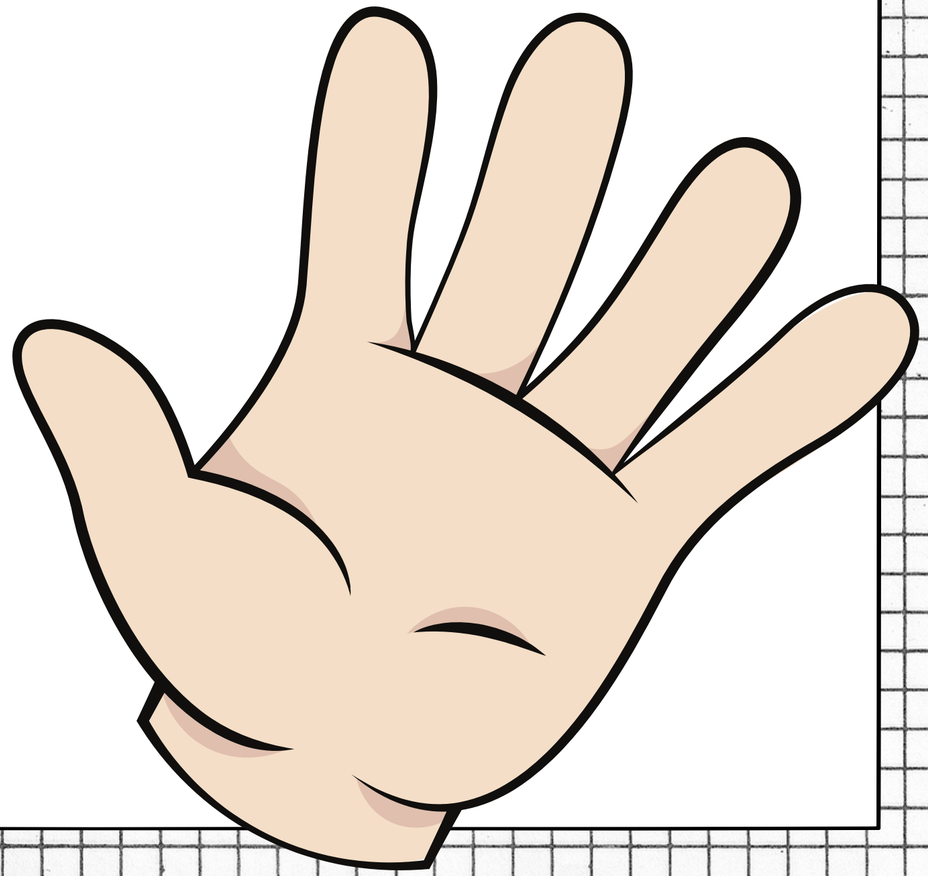
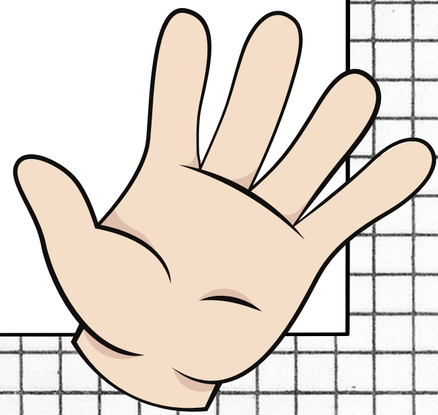
SIGN LANGUAGE APP

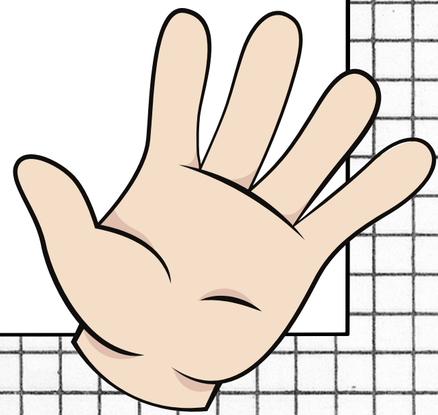
BACKPROPAGATION ALGORITHM



WHAT IS SIGN LANGUAGE?



According to Oxford, Sign Language is a system of communication using visual gestures and signs, as used by deaf people.



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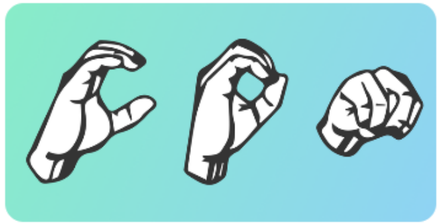
hand-sign-images

Drop-In Replacement for MNIST for Hand Gesture Recognition Tasks



Data Card | Code (4) | Discussion (0)

About Dataset

The Sign Language MNIST is presented here and follows the jpeg image format with labels . The American Sign Language letter database of hand gestures represent a multi-class problem with 24 classes of letters (excluding J and Z which require motion).

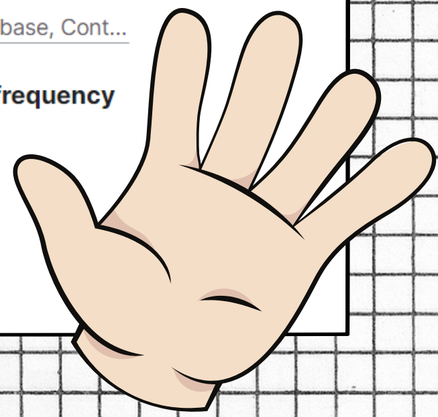
This dataset has been adopted from Sign Language MNIST, converting csv file into images also decreasing the overall size of database.

There are a total of 27,455 gray-scale images of size 28*28 pixels whose value range between 0-255. Each case represents a label (0-25) as a one-to-one map for each alphabetic letter A-Z (and no cases for 9=J or 25=Z because of gesture motions).

Usability
8.13

License
Database: Open Database, Cont...

Expected update frequency
Quarterly



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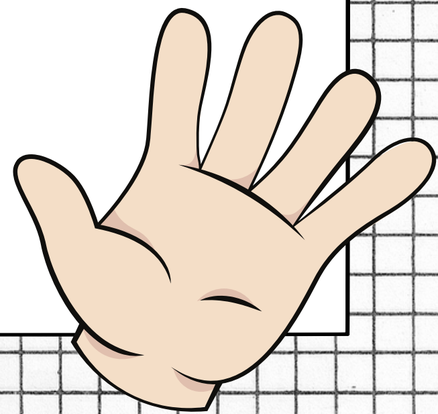
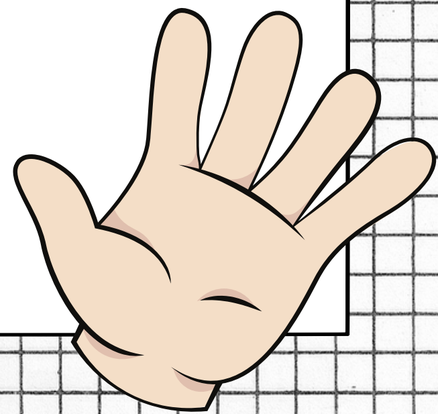
WHY?



DEMO TIME