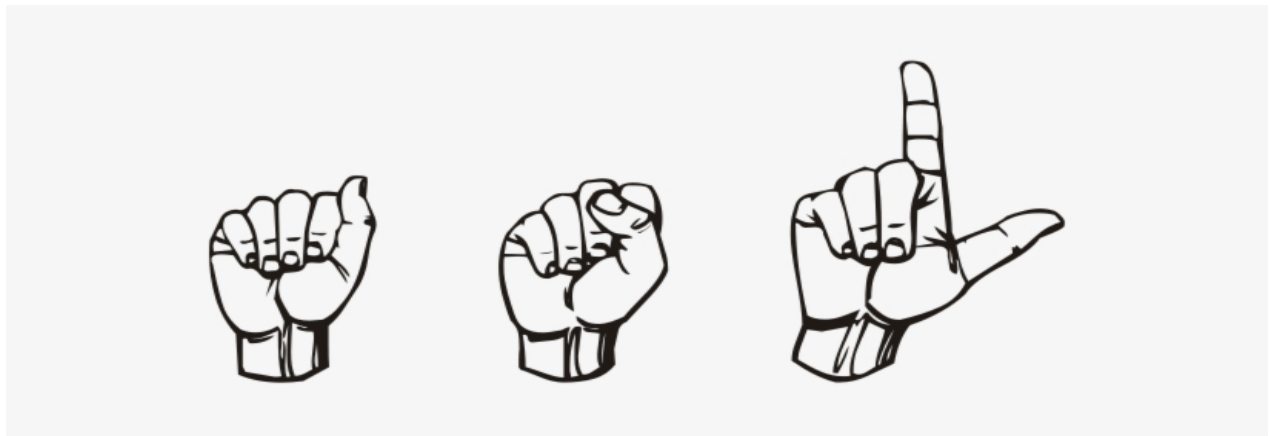


ML Project Proposal

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Idea

The goal is to create a Sign Language Classifier, not just because it is a fascinating element of our culture, but for those children with hearing loss who must learn it in order to communicate. The objective of this technology is that it can be used to help the needy.



About the dataset

The American Sign Language letter database of hand gestures represents a multi-class problem with 24 classes of letters (excluding J and Z which require motion).

The training dataset consists of 27,455 images and the test dataset has 7172 images. Each image has a dimension of 28 x 28.

Data Source: Kaggle

Objective

We aim to build a model that can efficiently classify hand gestures.