Sign Language Recognition

Sign Language Recognition is a computational task that involves recognizing actions from sign languages. This is an essential problem to solve especially in the digital world to bridge the communication gap that is faced by people with hearing impairments.

Research Papers:
- https://arxiv.org/ftp/arxiv/papers/2108/2108.10970.pdf
- https://www.sciencedirect.com/science/article/pii/S2590005622000121

Articles & Repositories for reference:
- [A Comparison of DNN, CNN, and LSTM using TF/Keras | by Prasanna Sethuraman | Towards Data Science](#)

- [GitHub - 0aqz0/SLR: isolated & continuous sign language recognition using CNN+LSTM/3D CNN/GCN/Encoder-Decoder](#)

- https://github.com/juliajose97/Real-Time-Sign-Language-Recognition

Datasets:
- https://www.kaggle.com/datasets/vaishnaviasonawane/indian-sign-language-dataset

Use cases:
- Hospitals, Police stations, and schools.
- It can be implemented in an app. (eg: Google Lens)