

Final Project: ASL Alphabet Classification

Objective: Build a deep learning model that can classify American Sign Language (ASL) Alphabets using image data.

Dataset: [ASL Alphabet](#)

Evaluation Criteria

- Report (50%)
- Code (50%)

Report Guidelines

- The report should be maximum 2 pages, including the references.
- You must use the official LaTeX template:
[IEEE Conference Template - Overleaf, Online LaTeX Editor](#)
- Your report should clearly include the following sections:
 - Objective
 - Data Pre-processing Steps
 - Model Architecture
 - Results
 - Conclusion

Code Guidelines

- You must implement your model from scratch using PyTorch.
- Pre-trained models are not allowed.
- Your final code must include:
 - Accuracy
 - Precision
 - Recall
 - F1-Score
 - Confusion Matrix