Video Action Recognition

Objective: The objective of this assignment is to explore the field of video action recognition, understand the key concepts, methodologies, and challenges, and implement a simple video action recognition model using a popular deep learning framework.

Tasks:

- Choose a deep learning framework and implement a simple video action recognition model.

- Use a pre-trained model or train your model on a small dataset

- Evaluate the model's performance using appropriate metrics.

Submission:

- Summarize the key concepts from the assignment.

- Submit a written report covering all the sections mentioned above. Include code snippets, results, and visualizations in the report.