

# Machine Learning Project Outline

**Subject:**

Introduction to Machine Learning

**Topic:**

Extracting specific frames from a video

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# Outline:

1. Introduction
2. Methodology
3. Conclusion
4. Further work

**1.** **Introduction:**

We will take videos of a specific cricket match from internet and try to extract fames. Later we apply machine learning to extract the required frames.

**2. Methodology:**

We will use 2 tools for extracting frames from the video as different methods are available in these tools to extract frames.

1. OpenCV
2. Matlab

Then we will apply machine learning to these frames for extracting desired (specific) frames from given frames.

**3. Conclusion:**

We will have desired images i-e when the ball hits the pitch.

**4. Future Work:**

We will have desired images then we can further apply machine learning to these for generating useful information like what are the week point of a players on which deliveries the player has scored four etc.