



Machine Learning Project Outline

Subject:

Introduction to Machine Learning

Topic:

Extracting specific frames from a video

Submitted to:

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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 frames. 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.

- a. OpenCV
- b. 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 weak point of a players on which deliveries the player has scored four etc.