

# ML Engineer take-home assignment

06.09.2023

## Problem:

Design and build an ML model that can detect four corners of a cricket bat in the given input image.

## Example:



Input



Output

## Expected deliverables:

1. GitHub repo containing all your code and model checkpoints.
2. A document explaining your approach, challenges and how you handled those challenges.

## What we look for in your solution (in the order of priority)

1. Your approach and how convincingly you are able to communicate it.
2. Code quality and readability.
3. How you deliver your solution.
4. How easy is it to use your solution.
5. How you architect your solution.
6. Even though accuracy is not the most important factor, a decent accuracy is expected.

## Tips:

1. Remember that having the most advanced model alone won't ensure good performance.
2. Make sure you spend enough time on data collection, labelling and preparation.