

# KhiladiPro Assignment - Pitch Map

- **Problem Statement**

- Given a sample cricket nets video with a single bowler bowling to a single batsman, identify the landing spot of the ball on the pitch (which is referred as [Pitch map](#) in cricket)
- You are required to document your approach to this problem in a step by step way on identifying the landing spot of the ball
- **Note:** Please note that you don't have to code or submit your outputs, just document the solution approach with all the tiny details possible

- **Assumptions**

- Assume it's just a single delivery data
- Assume the environment to be cricket nets
- Assume stumps are present at both striker & non striker ends
- Camera is placed at umpires position facing towards batsman & height adjusted at umpire's eye level
- Ball color, Ball type, Pitch color, Batter style, Bowler style all of these can be ignored
  - Default assumptions: Ball color (red), Ball type (leather), Pitch color (red soil), Batter style (Right Hand Batsman), Bowler style (Right Arm Fast)
- Please refer to the sample video attached in the resources section

- **Submission**

- Description of approach to identify the pitch map of the delivery
- Please mail your final document to ([david@khiladipro.com](mailto:david@khiladipro.com), [shiv@khiladipro.com](mailto:shiv@khiladipro.com), [akash.k@khiladipro.com](mailto:akash.k@khiladipro.com))
- Subject: {YOUR\_NAME} & {ROLL\_NO} | KPro Pitch Map Assignment
- Please reach out to us via above emails in case of any other enquiries

- **Resources**

- Please find the sample video [here](#).

- **Timeline**

- Provide the results within 3-5 days after receiving this document.