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An Approach Towards Activity Recognition using AI and ML

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Abstract: The study of correctly identifying human actions that are put to various tests is known as "human activity recognition." Human activity is the constant flow of one or more discrete actions that are necessary for advancement. A series of activities in which an individual enters a room, moves ahead, sits down, stands up, etc. is a specimen of human activity. Human activity recognition can be carried out at many abstract levels and has broad applications in the actual world, such as activity-based search, monitoring of critical sites, patient monitoring, etc. the years, researchers, engineers, and students from all across the world have explored the identification of human action. YoloV4 and DarkNet are two computer vision algorithms used in machine learning-based activity recognition that identify the actions that are performed.

Keywords: Human activity

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