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Cloud-based scalable object detection and classification in video streams

Muhammad Usman Yaseen, Ashiq Anjum, Omer Rana, Richard Hill

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A cloud-based, automated video analysis system is presented.

The system reduces the involvement of human factor during video analysis.

The objects can be classified without requiring any metric learning stage.

The system locates an object from one month of recorded video streams in 6.52 hours.

The GPU powered infrastructure took 3 hours to accomplish the same task.

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