Deep Learning Approach for Suspicious Activity Detection from Surveillance Video

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Abstract: Suspicious Activity is predicting the body part of a person from video. This project will entail detecting suspicious human Activity from video using neural networks. Suspicious human activity detection from surveillance video is an active research area of image processing and computer vision. Using visual surveillance, human activities can be monitored in public areas such as bus stations, railway stations, airports, banks, shopping malls, school and colleges, parking lots, roads, etc. to prevent terrorism, accidents and illegal parking, vandalism, fighting, crime and other suspicious activities. It is very tough to watch public places continuously, so we use an intelligent video surveillance. It is required to monitor the human activities from video and categorize them as usual and unusual activities; and can generate an alert.

Keywords: Video Surveillance, Suspicious Activity, neural networks

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