Stilled I Sym Hourist Object Tracking Using HOGS

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Abstract :-

Histogram of Oziented Chaadients is a Jeature descriptor used in computer vision à image processing for the Purpose of object detection. The technique courts occurrences gradient orientation in localized position of an image. This method is Similar to edge oxientato histograms, but differs in that it is computed on a dense grand of uniformly spaced cells e uses over lapping local contrast normalization for improved accuracy.

SVM or Support Vector Machine is a Classifier used for classification. SVM with a Signe Koanel is used in this Project.

In this paper, Jos the purpose of tracing and tracing, Radial Basis Function (RBF) Kernel is wed. The VTD approach is effective for handling appearance Variation caused by Pose change, lighting, scale Variation ess.

The main disadvantage, is that tracker cannot clustinguish target & background paterns of the entire.

frame

How this Paper is related to our Project?

Our project titled 'Social Distance Monitoring System For Covid 19' is an open-cv base project in which there is Vast applications of image processing, Hog & SMM. How is used to detect himans pedestrions.

And SVM is used to classify the How moduces,

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