Introduction:
Information extractions need detection of moving objects
- Computer games
- Traffic control of people
- Crowd control of people

Goals:
- Track with real time camera
- Apply on security systems
- Track object through different frames
- Distinguish between background and target

Methodology:
- Initialize Array of Track
- Read Video Frame
- Detect Objects
- Predict Location of Existing Tracks
- Assign Detections to Tracks
- Create New Tracks
- Delete Lost Tracks
- Update Unassigned Tracks
- Update Assigned Tracks

Result:
- Detect multiple moving objects in video frame

Limitation:
The filtered data still remain many little white dots like below result