

# HMONITOR

Human Monitoring and tracking system

## **TECH WIZARDS**

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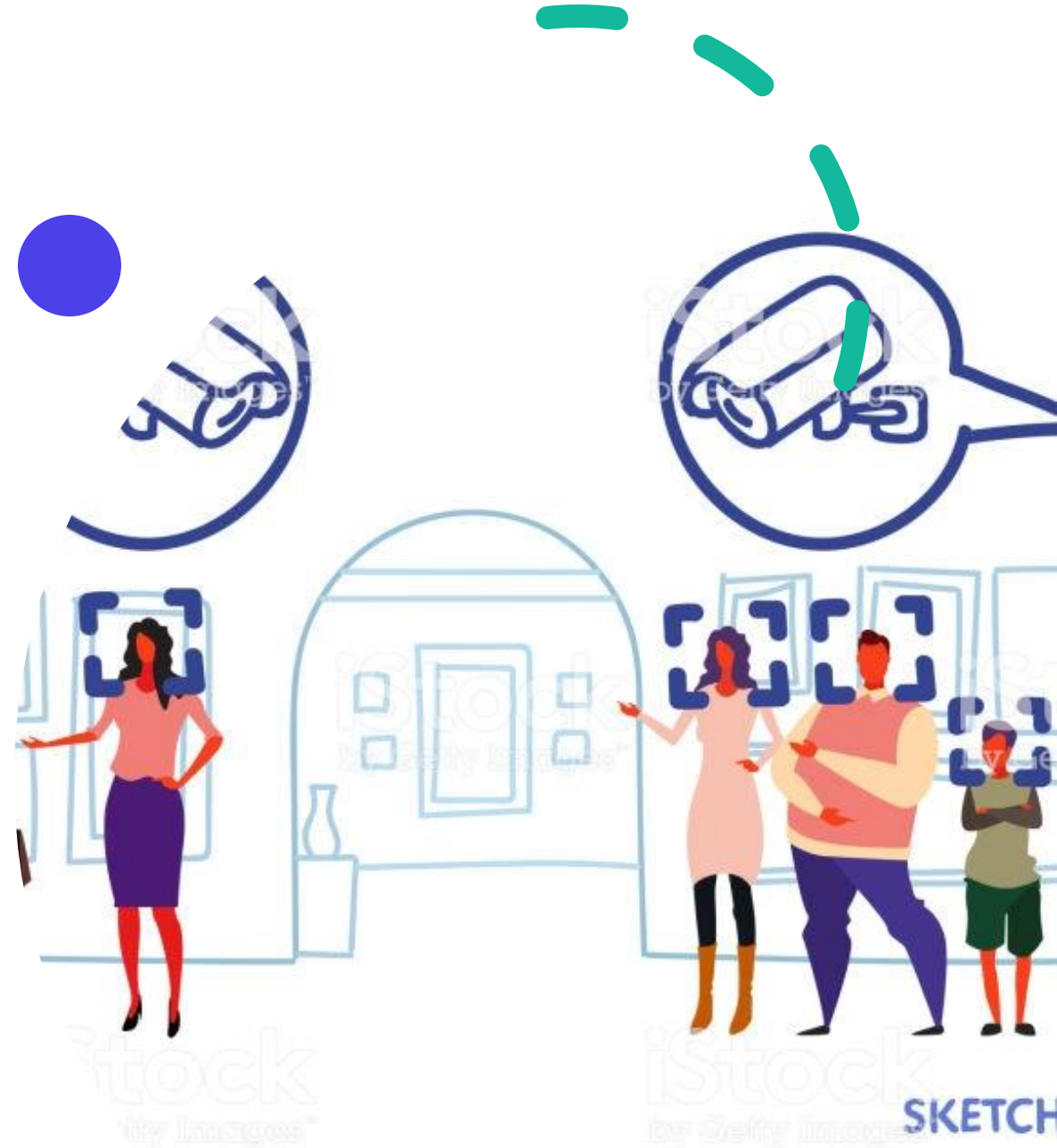
# PROBLEM SPACE

- Pandemics are the most challenging and dangerous international disasters.
- **Mass Gatherings** have emerged as the COVID Hotspots in recent times.
- Increased risk of transmission by the crowded communities.



# SOLUTION SPACE

- A **Surveillance system** to count the number of people in any place by analysing a video via IP Camera of Drone or Mobile device.
- Using Machine Learning Algorithms detect the neighbourhoods that are prone to mass contamination and send the Location alerts.
- Flatten the curve of COVID19 spread in communities with this preventive solution.





DEMO

# TECH STACK



Python 3.x for  
programming



OpenCV to fetch the  
Video I/P files



YOLO v3 pre-trained  
Deep Learning Algorithm  
for Real time Object  
Detection



Google Maps for  
Location Tracking



SMTP for sending the  
Mail alerts

THANK YOU

