Data flow diagram

Level-0

Output

Alert/msg

Input

Images/video

Level -1

Distance monitoring

Show result

Input

Images/video

Show result

frames

Level-1

Face mask monitoring

Extract each face roi

Load face mask dataset

Show result

Apply face mask classifier to each roi determine mask or no mask

Level-2

General layout

vv videos frames

Input

Images/video

arrays

g

Alert/notification

Green frame

Red frame