Monitoring-SocialDistance-COVID-19

Presenting solution for COVID-19

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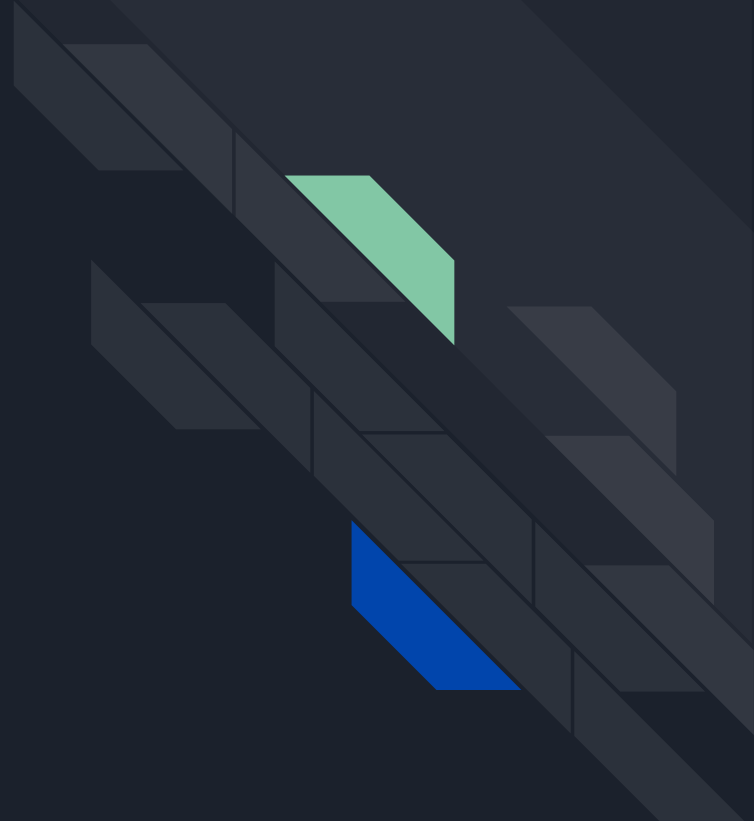**Name :** Supriya Madiwal

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Introduction

Monitoring-SocialDistance- COVID-19

➢An AI tool to prevent spreading of coronavirus (COVID-19) by using computer vision on video surveillance.

➢A social distancing analyzer AI tool to regulate social distancing protocol using video surveillance of CCTV cameras and drones. Social Distancing Analyser to prevent COVID19

Implementation :

➢ **Monitoring-SocialDistance COVID-19** automatically detects the extent to which social distancing protocols are followed in the area.

➢ Deploying it on current surveillance systems and drones used by police to monitor large areas can help to prevent coronavirus by allowing automated and better tracking of activities happening in the area.

➢ It shows analytics of the area in real time.

➢ It can also be used to alert police in case of considerable violation of social distancing protocols in a particular area.

Tech Stack Used

We will be going to make use of the following tools and technologies to build our application -

1. **OpenCV**
2. **TensorFlow**
3. **Python**

Features:

Get the areal time nalytics such as:

❑Number of people in a particular area
❑Number of people in high risk
❑The extent of risk to a particular person.

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