Deepak.k 15017ISO27 Real Teme Fall mark Deloction using Deep Learning

Introduction

Coved-19 has affected world Seriously and es cousing a global health Crisis. The major protection method for people of to wear mark en public areas.

Roblem statement

The People are not taking coved let discously and morning en region without mask making them as Corona was be found.

## Objective

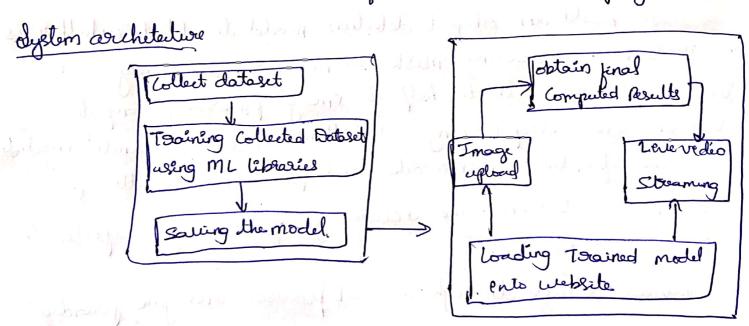
To build an object detection model to detect whether is a person is wearing mask or not from the emages and video streams with the help of emage processing, computer vision and deep learning algorithms. Using streamlit module for the frontend premisorle and proveding results for face mask detection. The accuracy of model is expected to be more than 90%

- \* Perieus results though a meb promser and give percentage \* Alert dystems, popups, voice dystem are entegrated.
- Degital outputs as a Coved-19 analysis sisk.

methodology

Pare mask detection of person es wearing a mask or not by browning of photos; live vedeo stream and addition features like Volce Abert and coved dituation around the world by using Streamlit as enterface given as accurate results.

- Dobreamlet :- Volor enterface obtreamlet es used
- 2) Image/vedeo Input: Wary Streamlit to Capture emage/vedeo on as expect and check ef 1ts wearing mask or not.
- 3) Validation : the ensented expert es validated using algorithms built model useasing mask or not.
- 4) volle Alert 1- It gives enjouration about Covedra Precautions.
- 5) Coved dtatus: Positione dtatus of coved lessos are displayed.



Type of Project: Social Course.