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COE-28 Mask Detection
Movelty of Broject
Troject Project
Alber trying out monious combination A
1.) Dotaset :-
acusares sease was adiesed in rehable
I used random web images of people not
wearing masks and then used landmark
recognition to generate my own augmented
recognition to generate my own sugmented dataset in which the same images were
modified such that the people in them were
now wearing masks In addition, I also
used various transformations like image flipping,
scaling, rotation, etc. to avoid overfitting
scaling, rotation, etc. to avoid overfitting and further increase the size of my dataset.
2.) Methodology:
The first step in mark detection is face recognition,
har which I have Imployed SSD (single shot detector)
model. After the pail is detected, the most
the is to use object altertion to determine
whether a mask is present on the persons face or
not For the purpose, I have created my
demary classifly valid on the mobile net V2
much must appeared the
Carrelly & and I hurry I would not be account the
squestely distinguish lyw a masked and
sourstely distinguish between a masked and unmasked fore. Allong with the result of
10 Mildle Don.
displayed to the user.
Joseph J.

Optimization of hyper parameters !letter trying out various combinations of hyper parameters, I found that a good accuracy score was achieved in relatively less duration of time by setting the value learning rate as 0.000, I also found that the optimal no of y 20. Any burther increase in the of shocks lead to increase ond corresponding decrease in due to overfitting.