

Real-time Human Detection & Counting

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Welcome

As we all know that Technology is best when it brings people together.

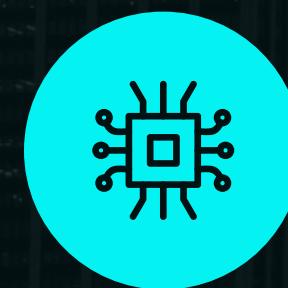
"Let's go invent tomorrow instead of worrying about what happened yesterday."

- Steve Jobs



About The System

Real Time Human Detection And Counter. We implemented this project inspired by Amazon Web Services. In this project the model detect and count the humans form the given source (Image/Video).



Most
Advanced
Machine



Latest
Technology



Need of Project

Abnormal Event Detection

Unexpected situation

Dangerous Situation

Fall Detection for Elder/child

Gender Classification

Male

Female

Other

Person Identification

Face Recognition

Medical Emergency

Fall Detection



HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Specification

- 1) System type: 64-bit Operating System
- 2) Processor :Intel(R) Core(TM)i3-5005U
CPU 2.00GHz
- 3) Installed Memory(RAM):4.00GB



Software Specification

- 1) Operating System: Any
- 2) IDE: Any/Google Colab/Jupyter,etc.

ADVANTAGES

1

Through given source (Images/Videos) user get accurate output.

2

Any Abnormal Situation can be avoided using this system.

3

Classification of Gender can be done Easily.

DISADVANTAGES

1

If the source image is blur then it will automatically gives wrong output.

2

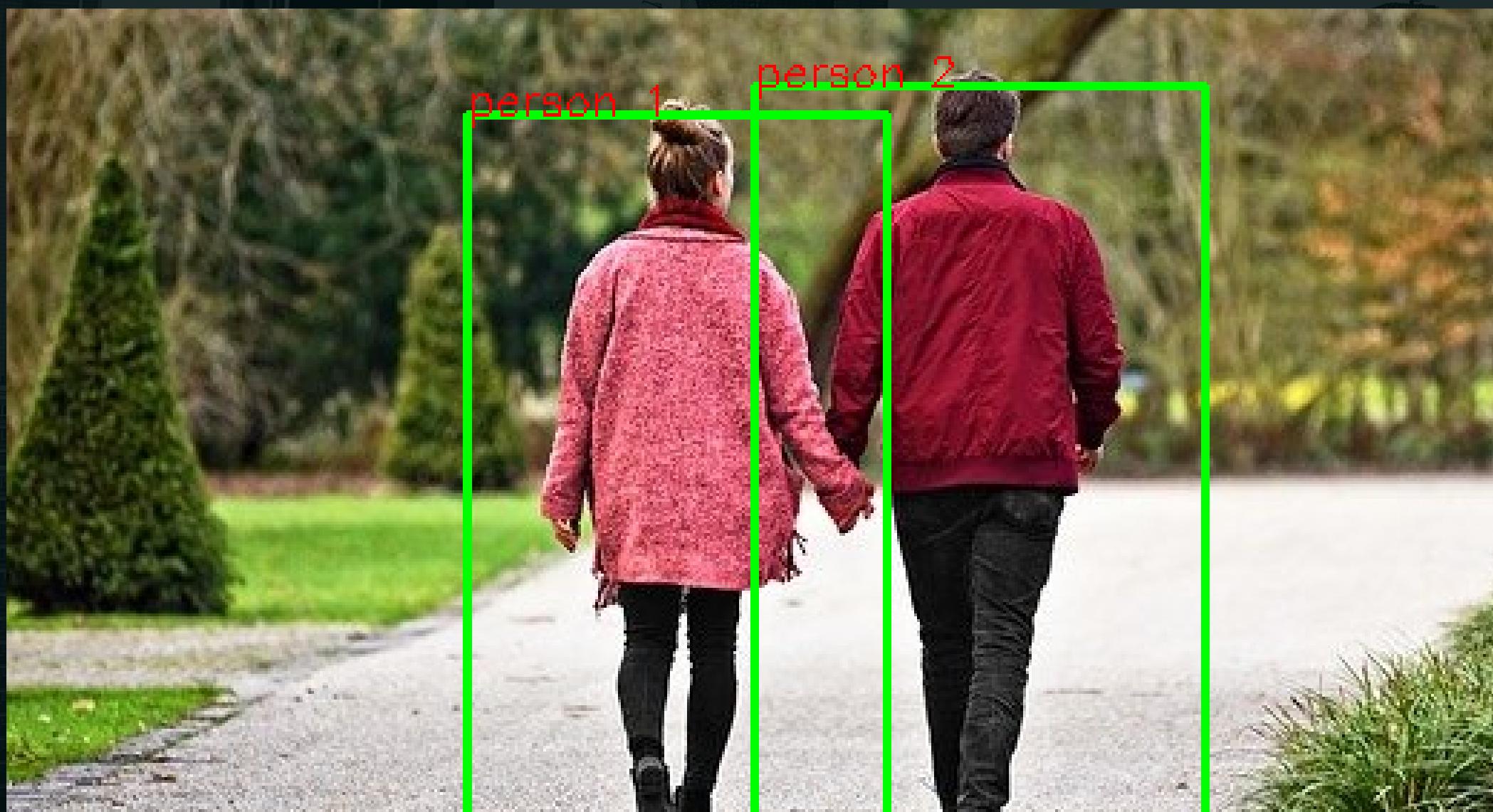
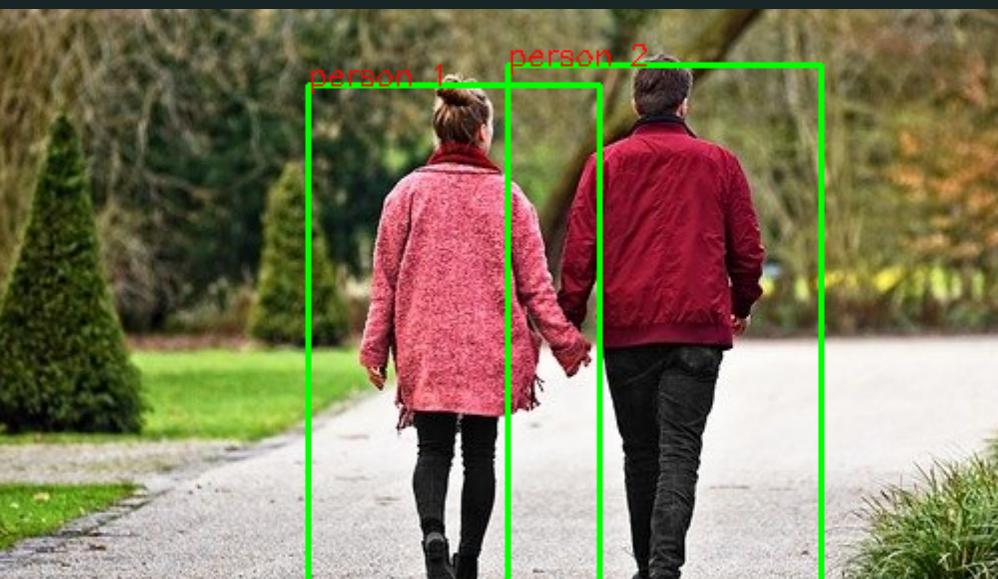
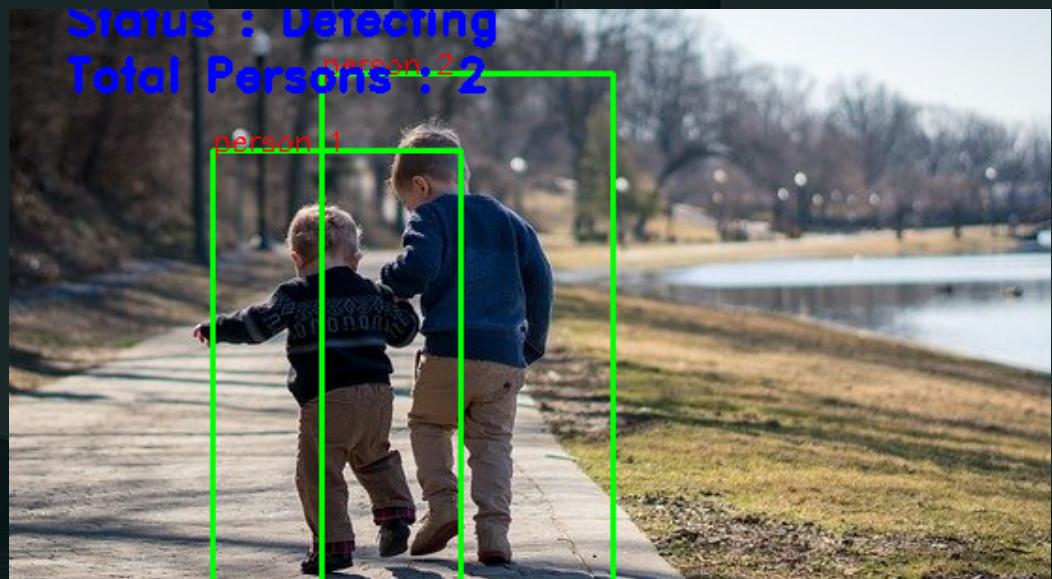
If too many people are around then it gives wrong output.

3

Time consuming.

Awesome Output

The output of the model.



APPLICATIONS

1

Public Security and Safety.

2

Cyber Security (Airport/Railway Station/Bus Station)

3

Gender Classification

4

Object Classification

FUTURE SCOPE

We will implement an alarm based system on abnormal activities .

Correct output if too many people are around.

Classification of gender as well as other things (Animals, etc.)



REFERENCES

- <https://www.javatpoint.com/object-recognition-using-python>
- <https://thedatafrog.com/en/articles/human-detection-video/>
- <https://www.youtube.com/watch?v=jTwNerGmcIs>





THANK YOU

Let's go to invent tomorrow.....

