

# Manufacturing\_Scenario

July 11, 2020

## 1 Smart Queue Monitoring System - Manufacturing Scenario

### 1.1 Overview

Now that you have your Python script and job submission script, you're ready to request an edge node and run inference on the different hardware types (CPU, GPU, VPU, FPGA).

After the inference is completed, the output video and stats files need to be retrieved and stored in the workspace, which can then be viewed within the Jupyter Notebook.

### 1.2 Objectives

- Submit inference jobs to Intel's DevCloud using the qsub command.
- Retrieve and review the results.
- After testing, go back to the proposal doc and update your original proposed hardware device.

### 1.3 Step 0: Set Up

**IMPORTANT: Set up paths so we can run Dev Cloud utilities** You *must* run this every time you enter a Workspace session. (Tip: select the cell and use **Shift+Enter** to run the cell.)

```
In [ ]: %env PATH=/opt/conda/bin:/opt/spark-2.4.3-bin-hadoop2.7/bin:/opt/conda/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
import os
import sys
sys.path.insert(0, os.path.abspath('/opt/intel_devcloud_support'))
sys.path.insert(0, os.path.abspath('/opt/intel'))
```

#### 1.3.1 Step 0.1: (Optional-step): Original Video

If you are curious to see the input video, run the following cell to view the original video stream we'll be using for inference.

```
In [ ]: #import videoHtml
        #videoHtml.videoHTML('Manufacturing', ['original_videos/Manufacturing.mp4'])
```

## 1.4 Step 1 : Inference on a Video

In the next few cells, You'll submit your job using the `qsub` command and retrieve the results for each job. Each of the cells below should submit a job to different edge compute nodes.

The output of the cell is the JobID of your job, which you can use to track progress of a job with `liveQStat`.

You will need to submit a job for each of the following hardware types: \* CPU \* GPU \* VPU \* FPGA

**Note:** You will have to submit each job one at a time and retrieve their results.

After submission, they will go into a queue and run as soon as the requested compute resources become available. (Tip: **shift+enter** will run the cell and automatically move you to the next cell.)

If your job successfully runs and completes, once you retrieve your results, it should output a video and a stats text file in the `results/manufacturing/<DEVICE>` directory.

For example, your CPU job should output its files in this directory: > **results/manufacturing/cpu**

**Note:** To get the queue labels for the different hardware devices, you can go to [this link](#).

The following arguments should be passed to the job submission script after the -F flag: \* Model path - /data/models/intel/person-detection-retail-0013/<MODEL PRECISION>/. You will need to adjust this path based on the model precision being using on the hardware. \* Device - CPU, GPU, MYRIAD, HETERO:FPGA,CPU. \* Manufacturing video path - /data/resources/manufacturing.mp4. \* Manufacturing queue\_param file path - /data/queue\_param/manufacturing.npy. \* Output path - /output/results/manufacturing/<DEVICE> This should be adjusted based on the device used in the job. \* Max num of people - This is the max number of people in queue before the system would redirect them to another queue.

## 1.5 Step 1.1: Submit to an Edge Compute Node with an Intel CPU

In the cell below, write a script to submit a job to an edge node with an Intel Core i5-6500TE processor. The inference workload should run on the CPU.

```
In [6]: #Submit job to the queue
        cpu_job_id = !qsub queue_job.sh -d . -l nodes=1:tank-870:i5-6500te -F "/data/models/intel/
        print(cpu_job_id[0])
```

ovTv2TUxfw21lPlyk623pp2xnbICvz7Z

**Check Job Status** To check on the job that was submitted, use `liveQStat` to check the status of the job.

Column S shows the state of your running jobs.

For example: - If JOB ID is in Q state, it is in the queue waiting for available resources. - If JOB ID is in R state, it is running.

```
In [7]: #import liveQStat
        #liveQStat.liveQStat()
```

**Get Results** Run the next cell to retrieve your job's results.

```
In [8]: import get_results
        get_results.getResults(cpu_job_id[0], filename='output.tgz', blocking=True)
```

getResults() is blocking until results of the job (id:ovTv2TUxfw21lPlyk623pp2xnbICvz7Z) are read  
Please wait...Success!  
output.tgz was downloaded in the same folder as this notebook.

## Unpack your output files and view stdout.log

```
In [9]: !tar xzf output.tgz
```

```
In [10]: !cat stdout.log
```

Creating model...

Network loaded...

Time taken to load model = {time.time()-start} seconds

Running Inference

```
[array([0.          , 1.          , 0.998544  , 0.30922192, 0.24688983,
        0.45102197, 0.8626975 ], dtype=float32), array([0.          , 1.          , 0.99767214, 0.050
        0.2217151 , 0.9615729 ], dtype=float32), array([0.          , 1.          , 0.99713254, 0.506
        0.66724026, 0.81884855], dtype=float32), array([0.          , 1.          , 0.99320436, 0.666
        0.7773304 , 0.76427114], dtype=float32), array([0.          , 1.          , 0.9459044 , 0.795
        0.92173773, 0.67337483], dtype=float32), array([0.          , 1.          , 0.94144785, 0.745
        0.8126805 , 0.5914201 ], dtype=float32), array([0.          , 1.          , 0.81243944, 0.919
        0.9908506 , 0.5594727 ], dtype=float32), array([0.          , 1.          , 0.72410023, 0.899
        0.9628836 , 0.5388907 ], dtype=float32), array([0.          , 1.          , 0.64838225, 0.630
        0.64559984, 0.29750836], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99857473, 0.30908957, 0.24617746,
        0.4508132 , 0.86320484], dtype=float32), array([0.          , 1.          , 0.99775356, 0.049
        0.22189683, 0.96082526], dtype=float32), array([0.          , 1.          , 0.99673873, 0.503
        0.66677165, 0.81883633], dtype=float32), array([0.          , 1.          , 0.99368405, 0.666
        0.7779137 , 0.76537144], dtype=float32), array([0.          , 1.          , 0.93790394, 0.794
        0.92152745, 0.67118824], dtype=float32), array([0.          , 1.          , 0.93286914, 0.746
        0.81341016, 0.59022343], dtype=float32), array([0.          , 1.          , 0.8102956 , 0.920
        0.9913185 , 0.5599317 ], dtype=float32), array([0.          , 1.          , 0.77668595, 0.899
        0.96297055, 0.5382519 ], dtype=float32), array([0.          , 1.          , 0.63825685, 0.630
        0.6458498 , 0.29770288], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985733 , 0.308993  , 0.24637276,
        0.45081392, 0.86294466], dtype=float32), array([0.          , 1.          , 0.9977549 , 0.050
        0.22184238, 0.96077013], dtype=float32), array([0.          , 1.          , 0.9961539 , 0.501
        0.66809785, 0.8190015 ], dtype=float32), array([0.          , 1.          , 0.99403137, 0.666
        0.7782035 , 0.76588964], dtype=float32), array([0.          , 1.          , 0.9513632 , 0.746
        0.81363815, 0.5903996 ], dtype=float32), array([0.          , 1.          , 0.9342944 , 0.793
        0.92162377, 0.67114604], dtype=float32), array([0.          , 1.          , 0.8340172 , 0.921
        0.9920131 , 0.5605343 ], dtype=float32), array([0.          , 1.          , 0.7702204 , 0.899
        0.9627905 , 0.5377389 ], dtype=float32), array([0.          , 1.          , 0.64225924, 0.630
        0.646022  , 0.29804307], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99859995, 0.3089601 , 0.24621466,
        0.45044675, 0.86404634], dtype=float32), array([0.          , 1.          , 0.9978241 , 0.050
        0.2216323 , 0.95892656], dtype=float32), array([0.          , 1.          , 0.99462163, 0.504
        0.670251  , 0.81538373], dtype=float32), array([0.          , 1.          , 0.99420255, 0.666
        0.77916837, 0.7660903 ], dtype=float32), array([0.          , 1.          , 0.9604021 , 0.746
        0.8142928 , 0.59039235], dtype=float32), array([0.          , 1.          , 0.9336609 , 0.793
        0.92161685, 0.67174375], dtype=float32), array([0.          , 1.          , 0.85876113, 0.921
        0.9926438 , 0.56038314], dtype=float32), array([0.          , 1.          , 0.7735047 , 0.899
        0.9624259 , 0.5374313 ], dtype=float32), array([0.          , 1.          , 0.6432059 , 0.630
        0.6460759 , 0.2984828 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.998548  , 0.30880257, 0.24600652,
        0.45049205, 0.864398  ], dtype=float32), array([0.          , 1.          , 0.9977569 , 0.049
        0.22155327, 0.9590417 ], dtype=float32), array([0.          , 1.          , 0.9946955 , 0.505
        0.67063904, 0.8116334 ], dtype=float32), array([0.          , 1.          , 0.99375474, 0.665
        0.7796629 , 0.7664685 ], dtype=float32), array([0.          , 1.          , 0.96493083, 0.746
        0.814082  , 0.5907362 ], dtype=float32), array([0.          , 1.          , 0.9426146 , 0.792
        0.92118734, 0.6743084 ], dtype=float32), array([0.          , 1.          , 0.84612006, 0.921
        0.99233234, 0.56172115], dtype=float32), array([0.          , 1.          , 0.79242975, 0.899
        0.9624866 , 0.5382235 ], dtype=float32), array([0.          , 1.          , 0.6049759 , 0.630
        0.64656824, 0.2989408 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99862003, 0.30884713, 0.24553415,
        0.4505682 , 0.86185586], dtype=float32), array([0.          , 1.          , 0.99767417, 0.049
```

```

0.22159816, 0.9622307 ], dtype=float32), array([0.          , 1.          , 0.99525166, 0.504
0.670834 , 0.81291  ], dtype=float32), array([0.          , 1.          , 0.993276 , 0.665
0.7799427 , 0.766026 ], dtype=float32), array([0.          , 1.          , 0.9668266, 0.746822
0.5902616], dtype=float32), array([0.          , 1.          , 0.9460932 , 0.79262376, 0.2513
0.92108536, 0.67457795], dtype=float32), array([0.          , 1.          , 0.85250944, 0.923
0.99331343, 0.56142265], dtype=float32), array([0.          , 1.          , 0.8044231 , 0.899
0.9620421 , 0.53649426], dtype=float32), array([0.          , 1.          , 0.6141305 , 0.630
0.64651775, 0.29847622], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99866366, 0.308679 , 0.24575698,
0.45061573, 0.86117125], dtype=float32), array([0.          , 1.          , 0.9977475 , 0.049
0.22153082, 0.9620394 ], dtype=float32), array([0.          , 1.          , 0.99570364, 0.506
0.67154 , 0.81121415], dtype=float32), array([0.          , 1.          , 0.9929537 , 0.666
0.7807017 , 0.76741624], dtype=float32), array([0.          , 1.          , 0.9705166 , 0.746
0.8144908 , 0.59102833], dtype=float32), array([0.          , 1.          , 0.9466394 , 0.792
0.92096573, 0.6743561 ], dtype=float32), array([0.          , 1.          , 0.86841196, 0.924
0.9943074 , 0.561933  ], dtype=float32), array([0.          , 1.          , 0.8146485 , 0.898
0.9614763 , 0.5369985 ], dtype=float32), array([0.          , 1.          , 0.62196696, 0.630
0.6465448 , 0.298349  ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99855536, 0.30854422, 0.2470341 ,
0.45136213, 0.8634238 ], dtype=float32), array([0.          , 1.          , 0.997738 , 0.049
0.22140363, 0.9627266 ], dtype=float32), array([0.          , 1.          , 0.99582326, 0.509
0.671628 , 0.8101594 ], dtype=float32), array([0.          , 1.          , 0.99327683, 0.666
0.7809377 , 0.7677326 ], dtype=float32), array([0.          , 1.          , 0.9632122 , 0.746
0.8134005 , 0.58975244], dtype=float32), array([0.          , 1.          , 0.95150936, 0.793
0.9205097 , 0.6740073 ], dtype=float32), array([0.          , 1.          , 0.86856425, 0.924
0.99448717, 0.5615324 ], dtype=float32), array([0.          , 1.          , 0.8248337 , 0.898
0.9616053 , 0.5370486 ], dtype=float32), array([0.          , 1.          , 0.63427633, 0.630
0.6465749 , 0.29881275], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985612 , 0.3085384 , 0.2478976 ,
0.45196423, 0.8630239 ], dtype=float32), array([0.          , 1.          , 0.9976814 , 0.049
0.22145015, 0.96283543], dtype=float32), array([0.          , 1.          , 0.99610376, 0.506
0.6705371 , 0.8111838 ], dtype=float32), array([0.          , 1.          , 0.993543 , 0.666
0.78064835, 0.76868767], dtype=float32), array([0.          , 1.          , 0.962286 , 0.795

```

```

0.9200736 , 0.672715 ], dtype=float32), array([0.          , 1.          , 0.9547978 , 0.747
0.81314296, 0.5912654 ], dtype=float32), array([0.          , 1.          , 0.8368415 , 0.898
0.9612637 , 0.53637606], dtype=float32), array([0.          , 1.          , 0.826752 , 0.924
0.9945963 , 0.56113076], dtype=float32), array([0.          , 1.          , 0.6369266 , 0.629
0.6466385 , 0.29912224], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99849653, 0.30925286, 0.24660274,
0.451285 , 0.8623693 ], dtype=float32), array([0.          , 1.          , 0.99742305, 0.049
0.2212748 , 0.96682405], dtype=float32), array([0.          , 1.          , 0.99618196, 0.503
0.6699139 , 0.8126813 ], dtype=float32), array([0.          , 1.          , 0.99348456, 0.666
0.78100204, 0.7689816 ], dtype=float32), array([0.          , 1.          , 0.9634404, 0.796435
0.6737896], dtype=float32), array([0.          , 1.          , 0.9417785 , 0.7484798 , 0.2342
0.81292826, 0.5924259 ], dtype=float32), array([0.          , 1.          , 0.838605 , 0.925
0.9955519 , 0.5604664 ], dtype=float32), array([0.          , 1.          , 0.83512056, 0.898
0.9610035 , 0.53585577], dtype=float32), array([0.          , 1.          , 0.6464392 , 0.629
0.6466354 , 0.29964146], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984297 , 0.30898994, 0.24531788,
0.45117223, 0.8628383 ], dtype=float32), array([0.          , 1.          , 0.99746144, 0.049
0.2212197 , 0.96758896], dtype=float32), array([0.          , 1.          , 0.9960819 , 0.501
0.6686339 , 0.8137037 ], dtype=float32), array([0.          , 1.          , 0.99309266, 0.665
0.78137416, 0.76974237], dtype=float32), array([0.          , 1.          , 0.9658156 , 0.796
0.91982865, 0.6752133 ], dtype=float32), array([0.          , 1.          , 0.9151557 , 0.749
0.8105699 , 0.5904716 ], dtype=float32), array([0.          , 1.          , 0.8465772, 0.926406
0.5604479], dtype=float32), array([0.          , 1.          , 0.83189565, 0.89747834, 0.2448
0.96089256, 0.53699034], dtype=float32), array([0.          , 1.          , 0.6632659 , 0.629
0.64656204, 0.299632 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983444 , 0.3095629 , 0.24394158,
0.4506348 , 0.8634956 ], dtype=float32), array([0.          , 1.          , 0.99736077, 0.049
0.22124146, 0.96785676], dtype=float32), array([0.          , 1.          , 0.996089 , 0.499
0.66846395, 0.8140848 ], dtype=float32), array([0.          , 1.          , 0.9929911 , 0.665
0.7818429 , 0.76995397], dtype=float32), array([0.          , 1.          , 0.96706647, 0.796
0.919579 , 0.6758958 ], dtype=float32), array([0.          , 1.          , 0.91428554, 0.749
0.81415266, 0.59488946], dtype=float32), array([0.          , 1.          , 0.8578413 , 0.927
0.9964719 , 0.56029767], dtype=float32), array([0.          , 1.          , 0.84561807, 0.896

```

```

0.9607315 , 0.537514 ], dtype=float32), array([0.          , 1.          , 0.6576681 , 0.629
0.646393 , 0.29920632], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982456 , 0.31014585, 0.24379218,
0.4500578 , 0.864416 ], dtype=float32), array([0.          , 1.          , 0.99735284, 0.049
0.2213043 , 0.9662756 ], dtype=float32), array([0.          , 1.          , 0.995738 , 0.499
0.66928494, 0.8128833 ], dtype=float32), array([0.          , 1.          , 0.99295723, 0.665
0.7814028 , 0.7708727 ], dtype=float32), array([0.          , 1.          , 0.9615869, 0.796578
0.6736801], dtype=float32), array([0.          , 1.          , 0.878012 , 0.7490214 , 0.2361
0.81283915, 0.59366196], dtype=float32), array([0.          , 1.          , 0.8687476 , 0.896
0.96024483, 0.53751165], dtype=float32), array([0.          , 1.          , 0.8539261 , 0.928
0.9972505 , 0.5601113 ], dtype=float32), array([0.          , 1.          , 0.6403542 , 0.630
0.64661896, 0.29951513], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9978441 , 0.3125113 , 0.24239615,
0.44823453, 0.86750937], dtype=float32), array([0.          , 1.          , 0.9974016 , 0.049
0.22118336, 0.96477056], dtype=float32), array([0.          , 1.          , 0.99612445, 0.499
0.6685916 , 0.8127666 ], dtype=float32), array([0.          , 1.          , 0.99194044, 0.665
0.7817618 , 0.77144396], dtype=float32), array([0.          , 1.          , 0.9533898 , 0.796
0.9206328 , 0.67140615], dtype=float32), array([0.          , 1.          , 0.87717044, 0.895
0.9597782 , 0.53919154], dtype=float32), array([0.          , 1.          , 0.84835607, 0.929
0.99752575, 0.5595837 ], dtype=float32), array([0.          , 1.          , 0.80265045, 0.747
0.81157047, 0.58968276], dtype=float32), array([0.          , 1.          , 0.64063376, 0.630
0.646693 , 0.29943028], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99758923, 0.31391722, 0.24255806,
0.4467181 , 0.8684606 ], dtype=float32), array([0.          , 1.          , 0.9974355 , 0.050
0.22112907, 0.9649761 ], dtype=float32), array([0.          , 1.          , 0.99645245, 0.498
0.668751 , 0.81377476], dtype=float32), array([0.          , 1.          , 0.991206 , 0.664
0.781903 , 0.77185166], dtype=float32), array([0.          , 1.          , 0.9502814 , 0.796
0.92049253, 0.67120737], dtype=float32), array([0.          , 1.          , 0.8618948 , 0.895
0.95933837, 0.53896123], dtype=float32), array([0.          , 1.          , 0.8599823, 0.928656
0.5593 ], dtype=float32), array([0.          , 1.          , 0.7729153 , 0.74681586, 0.2398
0.8108229 , 0.5887225 ], dtype=float32), array([0.          , 1.          , 0.6492467 , 0.629
0.6467947 , 0.2996264 ], dtype=float32)]
Total People in frame = 9

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9974112 , 0.04995643, 0.2614417 ,
        0.22126405, 0.9651437 ], dtype=float32), array([0.          , 1.          , 0.9973924 , 0.320
        0.44609305, 0.86721134], dtype=float32), array([0.          , 1.          , 0.9966569 , 0.498
        0.6675921 , 0.8147154 ], dtype=float32), array([0.          , 1.          , 0.989912  , 0.665
        0.7823328 , 0.7712903 ], dtype=float32), array([0.          , 1.          , 0.9531636 , 0.797
        0.92031604, 0.6710945 ], dtype=float32), array([0.          , 1.          , 0.8765306 , 0.928
        0.9974981 , 0.5596391 ], dtype=float32), array([0.          , 1.          , 0.8585446 , 0.896
        0.9590204 , 0.53841114], dtype=float32), array([0.          , 1.          , 0.730889  , 0.746
        0.80996567, 0.58868134], dtype=float32), array([0.          , 1.          , 0.68249434, 0.629
        0.64661163, 0.2998514 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975268 , 0.3205106 , 0.25347185,
        0.44604042, 0.8684014 ], dtype=float32), array([0.          , 1.          , 0.99747306, 0.049
        0.22129077, 0.96163535], dtype=float32), array([0.          , 1.          , 0.9970022 , 0.498
        0.6657371 , 0.82020366], dtype=float32), array([0.          , 1.          , 0.98936313, 0.665
        0.78257155, 0.772125  ], dtype=float32), array([0.          , 1.          , 0.9523066 , 0.797
        0.9204286 , 0.67091215], dtype=float32), array([0.          , 1.          , 0.8561257 , 0.897
        0.95996815, 0.5402328 ], dtype=float32), array([0.          , 1.          , 0.82755643, 0.927
        0.99641204, 0.56156576], dtype=float32), array([0.          , 1.          , 0.69149846, 0.629
        0.6467231 , 0.30036208], dtype=float32), array([0.          , 1.          , 0.6608607 , 0.745
        0.80943847, 0.58838826], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99746335, 0.05018516, 0.2619176 ,
        0.22124965, 0.96017385], dtype=float32), array([0.          , 1.          , 0.99736685, 0.320
        0.44548568, 0.86923385], dtype=float32), array([0.          , 1.          , 0.9970893 , 0.500
        0.6661408 , 0.8206938 ], dtype=float32), array([0.          , 1.          , 0.98956025, 0.663
        0.782573  , 0.7722497 ], dtype=float32), array([0.          , 1.          , 0.95245606, 0.796
        0.920629  , 0.6741053 ], dtype=float32), array([0.          , 1.          , 0.8687589 , 0.897
        0.9604303 , 0.54022145], dtype=float32), array([0.          , 1.          , 0.7992138 , 0.927
        0.99573565, 0.56113666], dtype=float32), array([0.          , 1.          , 0.6667862 , 0.748
        0.80816066, 0.58115137], dtype=float32), array([0.          , 1.          , 0.6406163 , 0.629
        0.6460626 , 0.299246  ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2



Running Inference

```
[array([0.          , 1.          , 0.9976648 , 0.5014769 , 0.21672145,
        0.66517353, 0.8208376 ], dtype=float32), array([0.          , 1.          , 0.99749607, 0.320
        0.44586784, 0.86933994], dtype=float32), array([0.          , 1.          , 0.9974336 , 0.049
        0.22123843, 0.96295595], dtype=float32), array([0.          , 1.          , 0.9897273 , 0.663
        0.78242165, 0.77177167], dtype=float32), array([0.          , 1.          , 0.954381  , 0.796
        0.9204079 , 0.67282873], dtype=float32), array([0.          , 1.          , 0.84569496, 0.897
        0.9603577 , 0.5387186 ], dtype=float32), array([0.          , 1.          , 0.82882917, 0.926
        0.9957528 , 0.5603362 ], dtype=float32), array([0.          , 1.          , 0.6776707 , 0.629
        0.6467773 , 0.30028284], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99807173, 0.49766332, 0.21754733,
        0.66389817, 0.8213942 ], dtype=float32), array([0.          , 1.          , 0.9974316 , 0.320
        0.44486564, 0.8708904 ], dtype=float32), array([0.          , 1.          , 0.9974038 , 0.049
        0.22107646, 0.96345377], dtype=float32), array([0.          , 1.          , 0.9890393 , 0.664
        0.78277135, 0.7728095 ], dtype=float32), array([0.          , 1.          , 0.9574072 , 0.797
        0.9211436 , 0.6721734 ], dtype=float32), array([0.          , 1.          , 0.8320713 , 0.925
        0.99508303, 0.5577508 ], dtype=float32), array([0.          , 1.          , 0.82545453, 0.897
        0.9607702 , 0.5378548 ], dtype=float32), array([0.          , 1.          , 0.6105731 , 0.629
        0.6468047 , 0.2984076 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9981298 , 0.49820834, 0.21686065,
        0.6634982 , 0.82373166], dtype=float32), array([0.          , 1.          , 0.9975073 , 0.320
        0.4441359 , 0.86714625], dtype=float32), array([0.          , 1.          , 0.9974234 , 0.050
        0.22099239, 0.9626705 ], dtype=float32), array([0.          , 1.          , 0.9895057 , 0.663
        0.7850685 , 0.77301955], dtype=float32), array([0.          , 1.          , 0.95425236, 0.795
        0.92071843, 0.6742632 ], dtype=float32), array([0.          , 1.          , 0.8760223 , 0.926
        0.99544096, 0.55972683], dtype=float32), array([0.          , 1.          , 0.81682646, 0.897
        0.9604361 , 0.5375854 ], dtype=float32), array([0.          , 1.          , 0.60129404, 0.630
        0.6469214 , 0.29806262], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980065 , 0.4972723 , 0.21891055,
        0.66255766, 0.8226867 ], dtype=float32), array([0.          , 1.          , 0.9975025 , 0.049
        0.22128293, 0.9635478 ], dtype=float32), array([0.          , 1.          , 0.9974261 , 0.320
        0.44402632, 0.866648  ], dtype=float32), array([0.          , 1.          , 0.98963517, 0.662
        0.78510785, 0.7731917 ], dtype=float32), array([0.          , 1.          , 0.95888996, 0.796
```

```

0.92062044, 0.67413163], dtype=float32), array([0.          , 1.          , 0.8273864 , 0.92062044,
0.99434733, 0.5590118 ], dtype=float32), array([0.          , 1.          , 0.82308203, 0.8973864 ,
0.9598251 , 0.53750813], dtype=float32), array([0.          , 1.          , 0.62160414, 0.6298251 ,
0.64667207, 0.29928073], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981597 , 0.5059268 , 0.21794155,
0.6632119 , 0.82225716], dtype=float32), array([0.          , 1.          , 0.9975279 , 0.04981597,
0.22129612, 0.96075064], dtype=float32), array([0.          , 1.          , 0.99725395, 0.320612,
0.4438364 , 0.8679372 ], dtype=float32), array([0.          , 1.          , 0.9897537 , 0.66129612,
0.78419703, 0.76979864], dtype=float32), array([0.          , 1.          , 0.95583045, 0.7950612,
0.9207874 , 0.6742421 ], dtype=float32), array([0.          , 1.          , 0.8205167 , 0.8982421,
0.96052456, 0.53801394], dtype=float32), array([0.          , 1.          , 0.758443 , 0.9240612,
0.9924009 , 0.5584457 ], dtype=float32), array([0.          , 1.          , 0.6370053 , 0.62984457,
0.6465583 , 0.29949573], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99848527, 0.5084184 , 0.21939704,
0.6629968 , 0.8240137 ], dtype=float32), array([0.          , 1.          , 0.9975688 , 0.0498527,
0.2212286 , 0.9620861 ], dtype=float32), array([0.          , 1.          , 0.9975299 , 0.3208527,
0.44458896, 0.86739445], dtype=float32), array([0.          , 1.          , 0.9896163 , 0.6612286,
0.78425825, 0.76990354], dtype=float32), array([0.          , 1.          , 0.9572729 , 0.79508527,
0.92122775, 0.6749048 ], dtype=float32), array([0.          , 1.          , 0.8422318 , 0.89808527,
0.960624 , 0.5392028 ], dtype=float32), array([0.          , 1.          , 0.7609268 , 0.92408527,
0.99249965, 0.5600189 ], dtype=float32), array([0.          , 1.          , 0.64970994, 0.629600189,
0.64611745, 0.30016807], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99790084, 0.5094908 , 0.21840137,
0.6649744 , 0.82508   ], dtype=float32), array([0.          , 1.          , 0.99761236, 0.04990084,
0.22144103, 0.9607309 ], dtype=float32), array([0.          , 1.          , 0.9975025 , 0.32090084,
0.44476366, 0.86443067], dtype=float32), array([0.          , 1.          , 0.99009645, 0.66307309,
0.78558856, 0.7739502 ], dtype=float32), array([0.          , 1.          , 0.95636183, 0.79407309,
0.9207343 , 0.6748085 ], dtype=float32), array([0.          , 1.          , 0.84178054, 0.89807309,
0.96076906, 0.5388868 ], dtype=float32), array([0.          , 1.          , 0.72385496, 0.92307309,
0.99177235, 0.5598077 ], dtype=float32), array([0.          , 1.          , 0.6443975 , 0.62905598077,
0.6464366 , 0.30036023], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.997626  , 0.04972424, 0.26170594,
        0.22113773, 0.96038944], dtype=float32), array([0.          , 1.          , 0.99749845, 0.321
        0.4449476 , 0.86495864], dtype=float32), array([0.          , 1.          , 0.9973047 , 0.511
        0.66782635, 0.8269375 ], dtype=float32), array([0.          , 1.          , 0.9899496 , 0.662
        0.7857492 , 0.77307194], dtype=float32), array([0.          , 1.          , 0.95768476, 0.794
        0.9207399 , 0.67269605], dtype=float32), array([0.          , 1.          , 0.877362  , 0.898
        0.95998126, 0.5398323 ], dtype=float32), array([0.          , 1.          , 0.7360153 , 0.926
        0.99382246, 0.5617143 ], dtype=float32), array([0.          , 1.          , 0.7282767 , 0.747
        0.80663836, 0.5745745 ], dtype=float32), array([0.          , 1.          , 0.6561403 , 0.629
        0.646392  , 0.30193123], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99785775, 0.3205047 , 0.25096896,
        0.44653127, 0.8631878 ], dtype=float32), array([0.          , 1.          , 0.9976495 , 0.049
        0.22112606, 0.9603567 ], dtype=float32), array([0.          , 1.          , 0.99719405, 0.521
        0.6695076 , 0.8173476 ], dtype=float32), array([0.          , 1.          , 0.9906294 , 0.662
        0.78585184, 0.7728884 ], dtype=float32), array([0.          , 1.          , 0.95654774, 0.794
        0.92104864, 0.6729631 ], dtype=float32), array([0.          , 1.          , 0.8805747 , 0.898
        0.95926154, 0.5379329 ], dtype=float32), array([0.          , 1.          , 0.7641464 , 0.928
        0.99495405, 0.562002  ], dtype=float32), array([0.          , 1.          , 0.7113609 , 0.748
        0.8064868 , 0.57606983], dtype=float32), array([0.          , 1.          , 0.6828487 , 0.629
        0.64628905, 0.30208516], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984005 , 0.32218868, 0.25192624,
        0.4522739 , 0.85571414], dtype=float32), array([0.          , 1.          , 0.997624  , 0.049
        0.22121407, 0.96064854], dtype=float32), array([0.          , 1.          , 0.9967512 , 0.524
        0.66863436, 0.81638134], dtype=float32), array([0.          , 1.          , 0.9905978 , 0.663
        0.7857598 , 0.77331924], dtype=float32), array([0.          , 1.          , 0.9607072 , 0.794
        0.92044187, 0.67278385], dtype=float32), array([0.          , 1.          , 0.881401  , 0.899
        0.95948243, 0.5396041 ], dtype=float32), array([0.          , 1.          , 0.8112066 , 0.748
        0.8078056 , 0.5795952 ], dtype=float32), array([0.          , 1.          , 0.763058  , 0.926
        0.9934528 , 0.5625734 ], dtype=float32), array([0.          , 1.          , 0.68345034, 0.629
        0.6464191 , 0.30247235], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985856 , 0.32068652, 0.24625319,
        0.45870334, 0.85623056], dtype=float32), array([0.          , 1.          , 0.99772507, 0.049
        0.22122893, 0.9617629 ], dtype=float32), array([0.          , 1.          , 0.99579936, 0.527
        0.66884786, 0.81668913], dtype=float32), array([0.          , 1.          , 0.9902053 , 0.663
        0.78552   , 0.7734424 ], dtype=float32), array([0.          , 1.          , 0.9607091 , 0.795
        0.92047226, 0.673565  ], dtype=float32), array([0.          , 1.          , 0.8601117 , 0.898
        0.95940024, 0.537801  ], dtype=float32), array([0.          , 1.          , 0.76013905, 0.748
        0.8079585 , 0.5799898 ], dtype=float32), array([0.          , 1.          , 0.724234  , 0.926
        0.99320364, 0.5617421 ], dtype=float32), array([0.          , 1.          , 0.68366104, 0.629
        0.6464366 , 0.30252707], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977483 , 0.04952242, 0.2624038 ,
        0.22119454, 0.9586534 ], dtype=float32), array([0.          , 1.          , 0.9973616 , 0.319
        0.4711951 , 0.86616254], dtype=float32), array([0.          , 1.          , 0.99481356, 0.528
        0.66944164, 0.8145597 ], dtype=float32), array([0.          , 1.          , 0.99041474, 0.663
        0.7851543 , 0.7739297 ], dtype=float32), array([0.          , 1.          , 0.9598679 , 0.795
        0.9206405 , 0.67354524], dtype=float32), array([0.          , 1.          , 0.8650334 , 0.898
        0.960012  , 0.5405199 ], dtype=float32), array([0.          , 1.          , 0.813576  , 0.748
        0.807814  , 0.57946455], dtype=float32), array([0.          , 1.          , 0.71770746, 0.629
        0.64607894, 0.3030032 ], dtype=float32), array([0.          , 1.          , 0.6956209 , 0.923
        0.9907663 , 0.56230646], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977508 , 0.04939637, 0.2629637 ,
        0.2214748 , 0.9588073 ], dtype=float32), array([0.          , 1.          , 0.9969338 , 0.319
        0.47684115, 0.86498094], dtype=float32), array([0.          , 1.          , 0.9948466 , 0.530
        0.6694221 , 0.81304586], dtype=float32), array([0.          , 1.          , 0.98978055, 0.663
        0.7844703 , 0.77360654], dtype=float32), array([0.          , 1.          , 0.9592128 , 0.796
        0.9204505 , 0.6723458 ], dtype=float32), array([0.          , 1.          , 0.86841536, 0.899
        0.9604457 , 0.5399182 ], dtype=float32), array([0.          , 1.          , 0.8070345 , 0.750
        0.8102693 , 0.5823774 ], dtype=float32), array([0.          , 1.          , 0.6962465 , 0.629
        0.646017  , 0.30209374], dtype=float32), array([0.          , 1.          , 0.676293  , 0.922
        0.9899736 , 0.56111866], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977112 , 0.04950379, 0.26487464,
        0.2215509 , 0.95851  ], dtype=float32), array([0.          , 1.          , 0.99624074, 0.319
        0.48366728, 0.86383146], dtype=float32), array([0.          , 1.          , 0.99571145, 0.529
```

```

0.6699446 , 0.81200695], dtype=float32), array([0.          , 1.          , 0.9903268 , 0.663
0.7840452 , 0.773168  ], dtype=float32), array([0.          , 1.          , 0.961536  , 0.797
0.9204343 , 0.6726413 ], dtype=float32), array([0.          , 1.          , 0.874859  , 0.899
0.9603596 , 0.54117346], dtype=float32), array([0.          , 1.          , 0.8500483 , 0.750
0.8104081 , 0.5835205 ], dtype=float32), array([0.          , 1.          , 0.7226803 , 0.922
0.989281  , 0.56179845], dtype=float32), array([0.          , 1.          , 0.6882006 , 0.629
0.6460601 , 0.3019234 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9976158 , 0.04825311, 0.2671878 ,
0.22608984, 0.9721409 ], dtype=float32), array([0.          , 1.          , 0.99700195, 0.318
0.48158348, 0.8645667 ], dtype=float32), array([0.          , 1.          , 0.9964258 , 0.528
0.6694664 , 0.81151724], dtype=float32), array([0.          , 1.          , 0.99067557, 0.664
0.7841972 , 0.7734645 ], dtype=float32), array([0.          , 1.          , 0.96199137, 0.797
0.92056686, 0.6731838 ], dtype=float32), array([0.          , 1.          , 0.8515449 , 0.897
0.9590889 , 0.5396576 ], dtype=float32), array([0.          , 1.          , 0.7951256 , 0.749
0.80900776, 0.58261615], dtype=float32), array([0.          , 1.          , 0.7459415 , 0.924
0.9921974 , 0.56262255], dtype=float32), array([0.          , 1.          , 0.67956513, 0.629
0.64600056, 0.301347  ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99789643, 0.04741793, 0.2679537 ,
0.2267355 , 0.96928936], dtype=float32), array([0.          , 1.          , 0.9977633 , 0.318
0.4763112 , 0.863989  ], dtype=float32), array([0.          , 1.          , 0.9966364 , 0.530
0.6693565 , 0.8098873 ], dtype=float32), array([0.          , 1.          , 0.9908405 , 0.664
0.78223455, 0.76805305], dtype=float32), array([0.          , 1.          , 0.9596606 , 0.796
0.92115897, 0.6720131 ], dtype=float32), array([0.          , 1.          , 0.8423661 , 0.898
0.9605909 , 0.54104096], dtype=float32), array([0.          , 1.          , 0.8307639 , 0.750
0.8092642 , 0.58292985], dtype=float32), array([0.          , 1.          , 0.73099726, 0.921
0.9905359 , 0.56171685], dtype=float32), array([0.          , 1.          , 0.69399065, 0.629
0.6458127 , 0.30169976], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9978605 , 0.0477155 , 0.26961407,
0.22692649, 0.969393  ], dtype=float32), array([0.          , 1.          , 0.997781  , 0.317
0.47601977, 0.8639901 ], dtype=float32), array([0.          , 1.          , 0.9971077 , 0.529
0.6698127 , 0.81202793], dtype=float32), array([0.          , 1.          , 0.9907575 , 0.664
0.78238446, 0.768448  ], dtype=float32), array([0.          , 1.          , 0.9551269 , 0.796
0.9217866 , 0.6720763 ], dtype=float32), array([0.          , 1.          , 0.78762406, 0.898

```

```

0.96105695, 0.5402385 ], dtype=float32), array([0.          , 1.          , 0.77701026, 0.921
0.9910559 , 0.56119794], dtype=float32), array([0.          , 1.          , 0.7509947 , 0.748
0.8076492 , 0.5839988 ], dtype=float32), array([0.          , 1.          , 0.69822425, 0.629
0.6460277 , 0.30122563], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981654 , 0.31565508, 0.24805418,
0.4693028 , 0.8655776 ], dtype=float32), array([0.          , 1.          , 0.9979032 , 0.047
0.22727263, 0.9688587 ], dtype=float32), array([0.          , 1.          , 0.9973894 , 0.529
0.671124 , 0.81183314], dtype=float32), array([0.          , 1.          , 0.9916847 , 0.667
0.78187764, 0.77555996], dtype=float32), array([0.          , 1.          , 0.95652604, 0.796
0.92173225, 0.6723745 ], dtype=float32), array([0.          , 1.          , 0.79376835, 0.748
0.80741763, 0.5836239 ], dtype=float32), array([0.          , 1.          , 0.7909774 , 0.899
0.96159375, 0.5415716 ], dtype=float32), array([0.          , 1.          , 0.68876433, 0.918
0.9878762 , 0.5610155 ], dtype=float32), array([0.          , 1.          , 0.682906 , 0.629
0.6461596 , 0.3011329 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99779934, 0.52663016, 0.21771729,
0.6713196 , 0.8135371 ], dtype=float32), array([0.          , 1.          , 0.997586 , 0.313
0.47183812, 0.86356246], dtype=float32), array([0.          , 1.          , 0.9975738 , 0.049
0.22694159, 0.9700209 ], dtype=float32), array([0.          , 1.          , 0.99201715, 0.668
0.781008 , 0.7742706 ], dtype=float32), array([0.          , 1.          , 0.9512124 , 0.795
0.9217517 , 0.67168665], dtype=float32), array([0.          , 1.          , 0.8091427 , 0.899
0.9613893 , 0.54249656], dtype=float32), array([0.          , 1.          , 0.75286925, 0.920
0.9899318 , 0.5648949 ], dtype=float32), array([0.          , 1.          , 0.7433154 , 0.748
0.8065725 , 0.5816549 ], dtype=float32), array([0.          , 1.          , 0.6492411 , 0.629
0.64607537, 0.30108905], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9977082 , 0.5247186 , 0.21808729,
0.6711404 , 0.8123692 ], dtype=float32), array([0.          , 1.          , 0.9975731 , 0.310
0.47103882, 0.86262774], dtype=float32), array([0.          , 1.          , 0.9975331 , 0.050
0.2225017 , 0.95541215], dtype=float32), array([0.          , 1.          , 0.9921638 , 0.668
0.7806067 , 0.7732625 ], dtype=float32), array([0.          , 1.          , 0.9516225 , 0.794
0.92189896, 0.6721907 ], dtype=float32), array([0.          , 1.          , 0.80582243, 0.748
0.8072382 , 0.581336 ], dtype=float32), array([0.          , 1.          , 0.8002364 , 0.900
0.9632658 , 0.54357624], dtype=float32), array([0.          , 1.          , 0.6533697, 0.629151
0.301122 ], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99776924, 0.05094876, 0.2663325 ,
        0.22265998, 0.9561473 ], dtype=float32), array([0.          , 1.          , 0.9976115 , 0.524
        0.6712215 , 0.812372 ], dtype=float32), array([0.          , 1.          , 0.99758816, 0.309
        0.4707686 , 0.8621814 ], dtype=float32), array([0.          , 1.          , 0.9924736 , 0.666
        0.78010523, 0.7725378 ], dtype=float32), array([0.          , 1.          , 0.9530511 , 0.795
        0.921515 , 0.6719145 ], dtype=float32), array([0.          , 1.          , 0.7590114 , 0.747
        0.80661315, 0.58178747], dtype=float32), array([0.          , 1.          , 0.7562024 , 0.899
        0.9634045 , 0.5429995 ], dtype=float32), array([0.          , 1.          , 0.62610066, 0.629
        0.6463719 , 0.30091938], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9977863 , 0.5245483 , 0.21952468,
        0.67100716, 0.81327015], dtype=float32), array([0.          , 1.          , 0.9975556 , 0.051
        0.22232711, 0.9561867 ], dtype=float32), array([0.          , 1.          , 0.99727315, 0.309
        0.47314474, 0.8631102 ], dtype=float32), array([0.          , 1.          , 0.9922396 , 0.667
        0.78019375, 0.77179193], dtype=float32), array([0.          , 1.          , 0.95471925, 0.794
        0.9213148 , 0.67218083], dtype=float32), array([0.          , 1.          , 0.7973613 , 0.900
        0.96403897, 0.5422682 ], dtype=float32), array([0.          , 1.          , 0.7632104 , 0.747
        0.806073 , 0.58074176], dtype=float32), array([0.          , 1.          , 0.6690748 , 0.629
        0.6455896 , 0.30077845], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9979917 , 0.05390967, 0.2648554 ,
        0.22203058, 0.9567696 ], dtype=float32), array([0.          , 1.          , 0.99793637, 0.309
        0.47215176, 0.86464745], dtype=float32), array([0.          , 1.          , 0.9977729 , 0.525
        0.670183 , 0.8136704 ], dtype=float32), array([0.          , 1.          , 0.9928686 , 0.667
        0.7801424 , 0.7717531 ], dtype=float32), array([0.          , 1.          , 0.953598 , 0.794
        0.9213368 , 0.6725831 ], dtype=float32), array([0.          , 1.          , 0.8968889 , 0.900
        0.9641101 , 0.54417086], dtype=float32), array([0.          , 1.          , 0.7963099 , 0.745
        0.80549157, 0.58131325], dtype=float32), array([0.          , 1.          , 0.64596677, 0.629
        0.6460377 , 0.30045292], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99824536, 0.05549833, 0.2661714 ,

```

```

0.22246909, 0.9572012 ], dtype=float32), array([0.          , 1.          , 0.9978782 , 0.309
0.4739387 , 0.86270833], dtype=float32), array([0.          , 1.          , 0.99782026, 0.525
0.67058367, 0.8113345 ], dtype=float32), array([0.          , 1.          , 0.99380684, 0.668
0.7794682 , 0.77237254], dtype=float32), array([0.          , 1.          , 0.95643574, 0.794
0.9210093 , 0.6734202 ], dtype=float32), array([0.          , 1.          , 0.9028244 , 0.901
0.9634594 , 0.54337525], dtype=float32), array([0.          , 1.          , 0.802367 , 0.746
0.80575037, 0.5817498 ], dtype=float32), array([0.          , 1.          , 0.6509512 , 0.629
0.6457023 , 0.30012998], dtype=float32), array([0.          , 1.          , 0.63125575, 0.956
1.0000061 , 0.5739628 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99819714, 0.05598406, 0.2657918 ,
0.2219777 , 0.95799565], dtype=float32), array([0.          , 1.          , 0.99812514, 0.309
0.47207886, 0.86304724], dtype=float32), array([0.          , 1.          , 0.99775726, 0.523
0.6710677 , 0.81358325], dtype=float32), array([0.          , 1.          , 0.9938227 , 0.667
0.77925396, 0.7716981 ], dtype=float32), array([0.          , 1.          , 0.9585666 , 0.794
0.9208831 , 0.6743568 ], dtype=float32), array([0.          , 1.          , 0.88293326, 0.900
0.9619884 , 0.54210925], dtype=float32), array([0.          , 1.          , 0.6955322 , 0.745
0.80566984, 0.5837173 ], dtype=float32), array([0.          , 1.          , 0.6898961 , 0.955
0.9998109 , 0.57220685], dtype=float32), array([0.          , 1.          , 0.6399515 , 0.629
0.6461817 , 0.29989487], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983203 , 0.05695415, 0.2661167 ,
0.22102317, 0.95873487], dtype=float32), array([0.          , 1.          , 0.9979955 , 0.310
0.47279567, 0.86260176], dtype=float32), array([0.          , 1.          , 0.997781 , 0.522
0.67086875, 0.81242 ], dtype=float32), array([0.          , 1.          , 0.9943084 , 0.668
0.77823347, 0.7700341 ], dtype=float32), array([0.          , 1.          , 0.9577783 , 0.794
0.92079484, 0.67344254], dtype=float32), array([0.          , 1.          , 0.8844182 , 0.900
0.96216244, 0.5419367 ], dtype=float32), array([0.          , 1.          , 0.7749254 , 0.747
0.8060406 , 0.58144915], dtype=float32), array([0.          , 1.          , 0.71350276, 0.955
0.9996547 , 0.5729933 ], dtype=float32), array([0.          , 1.          , 0.636225 , 0.629
0.64599615, 0.30049926], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99829656, 0.05678666, 0.26595882,
0.2207669 , 0.95800114], dtype=float32), array([0.          , 1.          , 0.9980629 , 0.310
0.47025073, 0.86276436], dtype=float32), array([0.          , 1.          , 0.9978446 , 0.522
0.6709686 , 0.812626 ], dtype=float32), array([0.          , 1.          , 0.9945339 , 0.668

```



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0.77735424, 0.7683648 ], dtype=float32), array([0.          , 1.          , 0.9562071 , 0.794
0.92061496, 0.6731516 ], dtype=float32), array([0.          , 1.          , 0.79720217, 0.900
0.9611913 , 0.54035074], dtype=float32), array([0.          , 1.          , 0.743627 , 0.746
0.8061631 , 0.58062536], dtype=float32), array([0.          , 1.          , 0.71429163, 0.955
0.9996698 , 0.5729685 ], dtype=float32), array([0.          , 1.          , 0.6234656 , 0.629
0.6461986 , 0.30001822], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99815995, 0.05691503, 0.26763475,
0.22131579, 0.95960593], dtype=float32), array([0.          , 1.          , 0.99787295, 0.521
0.67051727, 0.8116878 ], dtype=float32), array([0.          , 1.          , 0.99749714, 0.309
0.4763818 , 0.86201596], dtype=float32), array([0.          , 1.          , 0.9948147 , 0.669
0.77674603, 0.7682326 ], dtype=float32), array([0.          , 1.          , 0.9547483 , 0.793
0.9215242 , 0.67298573], dtype=float32), array([0.          , 1.          , 0.85092497, 0.746
0.80633074, 0.5840198 ], dtype=float32), array([0.          , 1.          , 0.7098485 , 0.921
0.9890188 , 0.5542625 ], dtype=float32), array([0.          , 1.          , 0.6620564 , 0.899
0.9619417 , 0.54005086], dtype=float32), array([0.          , 1.          , 0.6084277 , 0.629
0.6461434 , 0.3012234 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981219 , 0.05684642, 0.26768252,
0.22129244, 0.959023 ], dtype=float32), array([0.          , 1.          , 0.99771595, 0.521
0.6706061 , 0.8129645 ], dtype=float32), array([0.          , 1.          , 0.99761665, 0.309
0.47230044, 0.86274314], dtype=float32), array([0.          , 1.          , 0.99459946, 0.668
0.7764801 , 0.7686995 ], dtype=float32), array([0.          , 1.          , 0.9558561 , 0.794623
0.6738404], dtype=float32), array([0.          , 1.          , 0.82266784, 0.7465401 , 0.2468
0.805672 , 0.58520114], dtype=float32), array([0.          , 1.          , 0.7037569 , 0.918
0.98679423, 0.5542161 ], dtype=float32), array([0.          , 1.          , 0.6339778 , 0.629
0.64630145, 0.30069566], dtype=float32), array([0.          , 1.          , 0.61212385, 0.955
0.999697 , 0.5702505 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99801254, 0.05633982, 0.26655862,
0.22120987, 0.9581828 ], dtype=float32), array([0.          , 1.          , 0.99764436, 0.311
0.46744263, 0.86222374], dtype=float32), array([0.          , 1.          , 0.9975957 , 0.520
0.67062503, 0.8124175 ], dtype=float32), array([0.          , 1.          , 0.994599 , 0.668
0.7763339 , 0.76874065], dtype=float32), array([0.          , 1.          , 0.95792615, 0.794
0.92134804, 0.6730872 ], dtype=float32), array([0.          , 1.          , 0.86373913, 0.747
0.80651015, 0.58639705], dtype=float32), array([0.          , 1.          , 0.6896162 , 0.902

```

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0.96155626, 0.5385138 ], dtype=float32), array([0.          , 1.          , 0.67031723, 0.956
0.99951035, 0.5697166 ], dtype=float32), array([0.          , 1.          , 0.6332474 , 0.629
0.64616054, 0.30078584], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99806637, 0.05629955, 0.2671794 ,
0.22165374, 0.9566972 ], dtype=float32), array([0.          , 1.          , 0.9977986 , 0.312
0.4634633 , 0.8597834 ], dtype=float32), array([0.          , 1.          , 0.99763083, 0.520
0.6703824 , 0.8131746 ], dtype=float32), array([0.          , 1.          , 0.9944635 , 0.668
0.77643085, 0.76957697], dtype=float32), array([0.          , 1.          , 0.95376843, 0.794
0.9213973 , 0.67362046], dtype=float32), array([0.          , 1.          , 0.8573925 , 0.747
0.80659205, 0.58783054], dtype=float32), array([0.          , 1.          , 0.7005039 , 0.901
0.96219116, 0.5425573 ], dtype=float32), array([0.          , 1.          , 0.6712263 , 0.957
0.999863 , 0.56985533], dtype=float32), array([0.          , 1.          , 0.6355285 , 0.629
0.6462747 , 0.30013502], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980082 , 0.31340832, 0.24786228,
0.46190983, 0.85928184], dtype=float32), array([0.          , 1.          , 0.99790716, 0.055
0.22132546, 0.9549509 ], dtype=float32), array([0.          , 1.          , 0.99772185, 0.522
0.67111623, 0.8140621 ], dtype=float32), array([0.          , 1.          , 0.9944977 , 0.668
0.77623147, 0.7678211 ], dtype=float32), array([0.          , 1.          , 0.95639133, 0.793
0.9214277 , 0.67476714], dtype=float32), array([0.          , 1.          , 0.85801935, 0.747
0.806355 , 0.5881985 ], dtype=float32), array([0.          , 1.          , 0.72487855, 0.917
0.9850535 , 0.5557839 ], dtype=float32), array([0.          , 1.          , 0.66592807, 0.956
0.9999509 , 0.57011616], dtype=float32), array([0.          , 1.          , 0.6392836 , 0.629
0.6459737 , 0.3005734 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981336 , 0.31308323, 0.247556 ,
0.46194994, 0.85828006], dtype=float32), array([0.          , 1.          , 0.9975867 , 0.054
0.22020999, 0.9543382 ], dtype=float32), array([0.          , 1.          , 0.99757963, 0.522
0.6712836 , 0.813812 ], dtype=float32), array([0.          , 1.          , 0.9942048 , 0.668
0.77634716, 0.7684734 ], dtype=float32), array([0.          , 1.          , 0.9526714 , 0.794
0.92124146, 0.6729915 ], dtype=float32), array([0.          , 1.          , 0.841007 , 0.747
0.80601406, 0.5892131 ], dtype=float32), array([0.          , 1.          , 0.81449705, 0.918
0.9878597 , 0.5536601 ], dtype=float32), array([0.          , 1.          , 0.6249772 , 0.630
0.6463543 , 0.30008686], dtype=float32), array([0.          , 1.          , 0.60058117, 0.899
0.95975626, 0.53439283], dtype=float32)]

```

```

Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99815184, 0.31268045, 0.24841669,
        0.4630516 , 0.85874593], dtype=float32), array([0.          , 1.          , 0.9974462 , 0.525
        0.6711166 , 0.8148631 ], dtype=float32), array([0.          , 1.          , 0.99740463, 0.054
        0.22107033, 0.9548012 ], dtype=float32), array([0.          , 1.          , 0.99418867, 0.668
        0.7762163 , 0.7681494 ], dtype=float32), array([0.          , 1.          , 0.95480585, 0.793
        0.921107  , 0.67515117], dtype=float32), array([0.          , 1.          , 0.8552565 , 0.747
        0.8059426 , 0.5869944 ], dtype=float32), array([0.          , 1.          , 0.7652164 , 0.917
        0.9858379 , 0.55101895], dtype=float32), array([0.          , 1.          , 0.6591169 , 0.629
        0.64605165, 0.30061716], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998206  , 0.31290826, 0.25022495,
        0.4597868 , 0.8596839 ], dtype=float32), array([0.          , 1.          , 0.9974464 , 0.524
        0.6707314 , 0.813506  ], dtype=float32), array([0.          , 1.          , 0.99744034, 0.053
        0.22122335, 0.9531939 ], dtype=float32), array([0.          , 1.          , 0.9942847 , 0.668
        0.7763833 , 0.7684871 ], dtype=float32), array([0.          , 1.          , 0.9515293 , 0.793
        0.92101175, 0.67449576], dtype=float32), array([0.          , 1.          , 0.80725145, 0.746
        0.80490667, 0.5866972 ], dtype=float32), array([0.          , 1.          , 0.7171562 , 0.917
        0.98624206, 0.5507888 ], dtype=float32), array([0.          , 1.          , 0.60021055, 0.630
        0.64636177, 0.30013415], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983335 , 0.31405422, 0.25176612,
        0.4564474 , 0.8594501 ], dtype=float32), array([0.          , 1.          , 0.99751914, 0.526
        0.6701764 , 0.81241995], dtype=float32), array([0.          , 1.          , 0.9974246 , 0.053
        0.2212272 , 0.9523009 ], dtype=float32), array([0.          , 1.          , 0.9942925 , 0.668
        0.77629733, 0.76786226], dtype=float32), array([0.          , 1.          , 0.9524235 , 0.792
        0.92045283, 0.67482245], dtype=float32), array([0.          , 1.          , 0.8291129 , 0.746
        0.8050586 , 0.58405954], dtype=float32), array([0.          , 1.          , 0.7932516 , 0.919
        0.987571  , 0.55423623], dtype=float32), array([0.          , 1.          , 0.6438523 , 0.629
        0.6458957 , 0.30069613], dtype=float32), array([0.          , 1.          , 0.60871315, 0.954
        0.9986329 , 0.56763107], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.9984931 , 0.31341442, 0.25007746,
        0.4565197 , 0.860888  ], dtype=float32), array([0.          , 1.          , 0.99764      , 0.529
        0.67073166, 0.8115182 ], dtype=float32), array([0.          , 1.          , 0.99724627, 0.052
        0.22131918, 0.95432204], dtype=float32), array([0.          , 1.          , 0.9947489 , 0.668
        0.77668285, 0.767698  ], dtype=float32), array([0.          , 1.          , 0.9498484 , 0.793
        0.9211292 , 0.67334425], dtype=float32), array([0.          , 1.          , 0.7964881 , 0.746
        0.8046893 , 0.5851942 ], dtype=float32), array([0.          , 1.          , 0.7257259, 0.919312
        0.5543293], dtype=float32), array([0.          , 1.          , 0.6702208 , 0.9545195 , 0.2597
        0.99857616, 0.5694822 ], dtype=float32), array([0.          , 1.          , 0.62065214, 0.900
        0.9578123 , 0.5349015 ], dtype=float32), array([0.          , 1.          , 0.61193043, 0.629
        0.6457426 , 0.3000113 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983998 , 0.315241  , 0.25112113,
        0.45221367, 0.861596  ], dtype=float32), array([0.          , 1.          , 0.99758863, 0.531
        0.671361  , 0.81319326], dtype=float32), array([0.          , 1.          , 0.9971762 , 0.052
        0.22189069, 0.9546696 ], dtype=float32), array([0.          , 1.          , 0.9947397 , 0.668
        0.77667636, 0.7664156 ], dtype=float32), array([0.          , 1.          , 0.9551898 , 0.793
        0.92085916, 0.6749158 ], dtype=float32), array([0.          , 1.          , 0.816522  , 0.746
        0.80490154, 0.58418775], dtype=float32), array([0.          , 1.          , 0.71616733, 0.955
        0.998595  , 0.56977516], dtype=float32), array([0.          , 1.          , 0.6865188 , 0.919
        0.98530316, 0.5546533 ], dtype=float32), array([0.          , 1.          , 0.62687063, 0.629
        0.6456671 , 0.30002156], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984086 , 0.31424105, 0.25104153,
        0.45220417, 0.8620614 ], dtype=float32), array([0.          , 1.          , 0.9971163 , 0.053
        0.22188471, 0.95673364], dtype=float32), array([0.          , 1.          , 0.9969717 , 0.531
        0.6705478 , 0.8112885 ], dtype=float32), array([0.          , 1.          , 0.9947796 , 0.668772
        0.7672204], dtype=float32), array([0.          , 1.          , 0.95200163, 0.794429  , 0.2607
        0.920952  , 0.67427284], dtype=float32), array([0.          , 1.          , 0.79453146, 0.746
        0.8047762 , 0.5844235 ], dtype=float32), array([0.          , 1.          , 0.69072086, 0.954
        0.99865794, 0.5691235 ], dtype=float32), array([0.          , 1.          , 0.60538346, 0.920
        0.98717  , 0.5547197 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998552  , 0.3112408 , 0.24021292,
        0.4516284 , 0.862481  ], dtype=float32), array([0.          , 1.          , 0.9972445 , 0.053
        0.22173174, 0.95476884], dtype=float32), array([0.          , 1.          , 0.9971909 , 0.531
```

```

0.67102516, 0.8081615 ], dtype=float32), array([0.          , 1.          , 0.994848  , 0.668
0.77689797, 0.7672128 ], dtype=float32), array([0.          , 1.          , 0.9543733 , 0.794
0.9209133 , 0.67360955], dtype=float32), array([0.          , 1.          , 0.8156385 , 0.747
0.8047211 , 0.58322865], dtype=float32), array([0.          , 1.          , 0.680878  , 0.955
0.9987696 , 0.56901044], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985695 , 0.31114578, 0.23978353,
0.45092237, 0.86311495], dtype=float32), array([0.          , 1.          , 0.9977596 , 0.531
0.67141885, 0.8085714 ], dtype=float32), array([0.          , 1.          , 0.99710184, 0.052
0.22167432, 0.95981985], dtype=float32), array([0.          , 1.          , 0.9948554 , 0.667
0.77670866, 0.7664161 ], dtype=float32), array([0.          , 1.          , 0.9544473 , 0.794
0.92095196, 0.6737446 ], dtype=float32), array([0.          , 1.          , 0.7757875 , 0.746
0.80450976, 0.5841385 ], dtype=float32), array([0.          , 1.          , 0.62942463, 0.956
0.9992062 , 0.5692034 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986241 , 0.3112197 , 0.24091399,
0.45113963, 0.8608432 ], dtype=float32), array([0.          , 1.          , 0.99799466, 0.526
0.6721362 , 0.8105919 ], dtype=float32), array([0.          , 1.          , 0.99740005, 0.052
0.22200955, 0.9560368 ], dtype=float32), array([0.          , 1.          , 0.9945682 , 0.667
0.77661717, 0.76605463], dtype=float32), array([0.          , 1.          , 0.95876545, 0.795
0.9208224 , 0.67353815], dtype=float32), array([0.          , 1.          , 0.7973245 , 0.747
0.8053846 , 0.58435607], dtype=float32), array([0.          , 1.          , 0.6787839 , 0.956
0.99909747, 0.568603  ], dtype=float32), array([0.          , 1.          , 0.6216592 , 0.629
0.6455479 , 0.2986157 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9986565 , 0.31117362, 0.24018961,
0.45158428, 0.86120254], dtype=float32), array([0.          , 1.          , 0.9974727 , 0.528
0.6713836 , 0.80859756], dtype=float32), array([0.          , 1.          , 0.9973781 , 0.050
0.2222467 , 0.9573883 ], dtype=float32), array([0.          , 1.          , 0.9945269 , 0.667
0.77673364, 0.7661952 ], dtype=float32), array([0.          , 1.          , 0.9545291 , 0.795
0.92098606, 0.67310536], dtype=float32), array([0.          , 1.          , 0.7695894 , 0.746
0.80516165, 0.58460397], dtype=float32), array([0.          , 1.          , 0.69743985, 0.955
0.99869233, 0.56851107], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.99844545, 0.31126243, 0.24004859,
        0.45163465, 0.861352  ], dtype=float32), array([0.          , 1.          , 0.997497  , 0.048
        0.22693717, 0.96619534], dtype=float32), array([0.          , 1.          , 0.9962358  , 0.528
        0.6715245 , 0.8080152 ], dtype=float32), array([0.          , 1.          , 0.995061  , 0.667
        0.77622694, 0.7661977 ], dtype=float32), array([0.          , 1.          , 0.95721346, 0.794
        0.92113143, 0.67320657], dtype=float32), array([0.          , 1.          , 0.8040579  , 0.747
        0.8063231 , 0.5845593 ], dtype=float32), array([0.          , 1.          , 0.69646883, 0.955
        0.99879664, 0.5701464 ], dtype=float32), array([0.          , 1.          , 0.64226013, 0.630
        0.6456751 , 0.29757604], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983004 , 0.31155416, 0.23875362,
        0.45163527, 0.86033624], dtype=float32), array([0.          , 1.          , 0.9976622 , 0.046
        0.22715643, 0.9671998 ], dtype=float32), array([0.          , 1.          , 0.9966934 , 0.530
        0.67134064, 0.8068259 ], dtype=float32), array([0.          , 1.          , 0.9948724 , 0.667
        0.7765901 , 0.7668475 ], dtype=float32), array([0.          , 1.          , 0.95832634, 0.795
        0.92090636, 0.67404735], dtype=float32), array([0.          , 1.          , 0.7804431 , 0.747
        0.806306  , 0.58771694], dtype=float32), array([0.          , 1.          , 0.65282017, 0.956
        0.9990503 , 0.5706481 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99821126, 0.3117411 , 0.2378301 ,
        0.45179695, 0.86069614], dtype=float32), array([0.          , 1.          , 0.99776375, 0.044
        0.22717533, 0.9650755 ], dtype=float32), array([0.          , 1.          , 0.99655366, 0.527
        0.6719085 , 0.8097156 ], dtype=float32), array([0.          , 1.          , 0.9951798 , 0.667911
        0.7672403], dtype=float32), array([0.          , 1.          , 0.9561533 , 0.7959709 , 0.2598
        0.92133236, 0.673063  ], dtype=float32), array([0.          , 1.          , 0.74874455, 0.746
        0.8054778 , 0.58519167], dtype=float32), array([0.          , 1.          , 0.6941187 , 0.956
        0.99904627, 0.5709766 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998257  , 0.31225693, 0.2371817 ,
        0.4511512 , 0.86141896], dtype=float32), array([0.          , 1.          , 0.99781525, 0.043
        0.2269289 , 0.96736085], dtype=float32), array([0.          , 1.          , 0.99549246, 0.517
        0.6695464 , 0.81225383], dtype=float32), array([0.          , 1.          , 0.994951  , 0.667
        0.77662593, 0.7665132 ], dtype=float32), array([0.          , 1.          , 0.9560441 , 0.796557
        0.6734676], dtype=float32), array([0.          , 1.          , 0.70787925, 0.9565992 , 0.2548
```

```

        0.99893075, 0.57021683], dtype=float32), array([0.          , 1.          , 0.70584863, 0.745
        0.8060092 , 0.58917683], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99818265, 0.3129583 , 0.2465998 ,
        0.4507237 , 0.86300063], dtype=float32), array([0.          , 1.          , 0.9978549 , 0.044
        0.22688232, 0.96537113], dtype=float32), array([0.          , 1.          , 0.99595624, 0.513
        0.66800237, 0.81931436], dtype=float32), array([0.          , 1.          , 0.99475044, 0.667
        0.7763263 , 0.76509297], dtype=float32), array([0.          , 1.          , 0.9559897 , 0.795
        0.92128795, 0.6739392 ], dtype=float32), array([0.          , 1.          , 0.8042318 , 0.747
        0.8069655 , 0.58877957], dtype=float32), array([0.          , 1.          , 0.67000115, 0.956
        0.99881756, 0.57231885], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983633 , 0.31416985, 0.24652278,
        0.45006147, 0.86458087], dtype=float32), array([0.          , 1.          , 0.99774134, 0.044
        0.22688568, 0.96766794], dtype=float32), array([0.          , 1.          , 0.9965061 , 0.510
        0.6668909 , 0.8207144 ], dtype=float32), array([0.          , 1.          , 0.9944372 , 0.666
        0.7770214 , 0.76663446], dtype=float32), array([0.          , 1.          , 0.9584201 , 0.796
        0.9210179 , 0.67404133], dtype=float32), array([0.          , 1.          , 0.754484 , 0.743
        0.8078893 , 0.5958604 ], dtype=float32), array([0.          , 1.          , 0.6570913 , 0.956
        0.99911445, 0.5702089 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99825984, 0.31441316, 0.24696594,
        0.45000085, 0.8649668 ], dtype=float32), array([0.          , 1.          , 0.99785405, 0.043
        0.22702307, 0.9663975 ], dtype=float32), array([0.          , 1.          , 0.99695265, 0.508
        0.6664871 , 0.8241389 ], dtype=float32), array([0.          , 1.          , 0.99432003, 0.666
        0.77652436, 0.7653674 ], dtype=float32), array([0.          , 1.          , 0.9588493 , 0.795
        0.921102 , 0.6749636 ], dtype=float32), array([0.          , 1.          , 0.8617315 , 0.746
        0.8103187 , 0.59236115], dtype=float32), array([0.          , 1.          , 0.6729526 , 0.956
        0.99904764, 0.57077247], dtype=float32), array([0.          , 1.          , 0.61462414, 0.630
        0.6465165 , 0.2979729 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982102 , 0.314763 , 0.24599296,

```

```

0.44961405, 0.86475116], dtype=float32), array([0.          , 1.          , 0.99774843, 0.044
0.22647113, 0.9679105 ], dtype=float32), array([0.          , 1.          , 0.9973979 , 0.506
0.6665395 , 0.8231991 ], dtype=float32), array([0.          , 1.          , 0.99419373, 0.666
0.77734315, 0.7659709 ], dtype=float32), array([0.          , 1.          , 0.95606774, 0.796
0.92099065, 0.6742334 ], dtype=float32), array([0.          , 1.          , 0.83537084, 0.746
0.8079598 , 0.58888596], dtype=float32), array([0.          , 1.          , 0.7090186 , 0.956
0.99903154, 0.5701764 ], dtype=float32), array([0.          , 1.          , 0.6140732 , 0.921
0.98289293, 0.551996  ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983113 , 0.31526572, 0.24670124,
0.4495132 , 0.86376905], dtype=float32), array([0.          , 1.          , 0.99770665, 0.044
0.22657084, 0.9681287 ], dtype=float32), array([0.          , 1.          , 0.99757093, 0.504
0.6651145 , 0.8227012 ], dtype=float32), array([0.          , 1.          , 0.9942538 , 0.665
0.7760486 , 0.7627288 ], dtype=float32), array([0.          , 1.          , 0.9591836 , 0.796
0.9214272 , 0.6741755 ], dtype=float32), array([0.          , 1.          , 0.8624241 , 0.744
0.8100013 , 0.5930666 ], dtype=float32), array([0.          , 1.          , 0.7431829 , 0.956
0.9991884 , 0.5693386 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99833834, 0.31545725, 0.2465691 ,
0.44935265, 0.8647664 ], dtype=float32), array([0.          , 1.          , 0.99763274, 0.044
0.22680369, 0.96855617], dtype=float32), array([0.          , 1.          , 0.99726856, 0.505
0.66501427, 0.8186893 ], dtype=float32), array([0.          , 1.          , 0.99427056, 0.665
0.77659816, 0.7641576 ], dtype=float32), array([0.          , 1.          , 0.9625995 , 0.796
0.92124695, 0.67515504], dtype=float32), array([0.          , 1.          , 0.8199367 , 0.745
0.807868 , 0.5869653 ], dtype=float32), array([0.          , 1.          , 0.7341341 , 0.956
0.9998117 , 0.56941515], dtype=float32), array([0.          , 1.          , 0.6276091 , 0.921
0.98440564, 0.55166817], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983682 , 0.3159914 , 0.24694273,
0.44895804, 0.8647791 ], dtype=float32), array([0.          , 1.          , 0.99779415, 0.044
0.22703347, 0.9688097 ], dtype=float32), array([0.          , 1.          , 0.99693656, 0.508
0.66553205, 0.8149489 ], dtype=float32), array([0.          , 1.          , 0.9940889 , 0.666
0.77725345, 0.7641878 ], dtype=float32), array([0.          , 1.          , 0.9606105 , 0.796
0.92111236, 0.6745057 ], dtype=float32), array([0.          , 1.          , 0.8355005 , 0.744
0.8088798 , 0.5915133 ], dtype=float32), array([0.          , 1.          , 0.7609985 , 0.956
0.99978185, 0.5698448 ], dtype=float32), array([0.          , 1.          , 0.6199991 , 0.920

```



```

    0.98293585, 0.5528199 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99847203, 0.31577086, 0.24711663,
        0.44986475, 0.86508065], dtype=float32), array([0.          , 1.          , 0.99779487, 0.044
        0.2271461 , 0.96924865], dtype=float32), array([0.          , 1.          , 0.99689674, 0.507
        0.6655786 , 0.81688654], dtype=float32), array([0.          , 1.          , 0.9942866 , 0.666
        0.77697474, 0.76363856], dtype=float32), array([0.          , 1.          , 0.95262283, 0.795
        0.92124164, 0.67232025], dtype=float32), array([0.          , 1.          , 0.7297066 , 0.744
        0.8086026 , 0.5925592 ], dtype=float32), array([0.          , 1.          , 0.7217598 , 0.956
        0.99980307, 0.56974953], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853206, 0.31588265, 0.24781081,
        0.45032498, 0.864867 ], dtype=float32), array([0.          , 1.          , 0.99785644, 0.044
        0.22738773, 0.9677439 ], dtype=float32), array([0.          , 1.          , 0.9962985 , 0.501
        0.66480136, 0.81676316], dtype=float32), array([0.          , 1.          , 0.9942415 , 0.666
        0.776815 , 0.7630254 ], dtype=float32), array([0.          , 1.          , 0.9543735 , 0.795
        0.9207572 , 0.67172956], dtype=float32), array([0.          , 1.          , 0.7491041 , 0.956
        0.99946463, 0.5696055 ], dtype=float32), array([0.          , 1.          , 0.7195438 , 0.744
        0.80906725, 0.5921259 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985312 , 0.31579143, 0.24752465,
        0.45097458, 0.8644072 ], dtype=float32), array([0.          , 1.          , 0.9977738 , 0.044
        0.2273121 , 0.96873546], dtype=float32), array([0.          , 1.          , 0.9950263 , 0.495
        0.66558546, 0.81264544], dtype=float32), array([0.          , 1.          , 0.99450547, 0.665
        0.7769517 , 0.7647337 ], dtype=float32), array([0.          , 1.          , 0.9522083 , 0.795
        0.9207051 , 0.670588 ], dtype=float32), array([0.          , 1.          , 0.7198285 , 0.956
        0.9996585 , 0.5692154 ], dtype=float32), array([0.          , 1.          , 0.684752 , 0.744
        0.8088678 , 0.5941598 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99867165, 0.31613272, 0.24762547,
        0.45139307, 0.8637465 ], dtype=float32), array([0.          , 1.          , 0.9977812 , 0.044
        0.22729209, 0.968583 ], dtype=float32), array([0.          , 1.          , 0.99550456, 0.497

```

```

0.66605985, 0.81796217], dtype=float32), array([0.          , 1.          , 0.99453765, 0.665
0.7764656 , 0.76606417], dtype=float32), array([0.          , 1.          , 0.9442417 , 0.794
0.92134994, 0.67066723], dtype=float32), array([0.          , 1.          , 0.77447766, 0.744
0.81014323, 0.5941561 ], dtype=float32), array([0.          , 1.          , 0.7285662 , 0.956
0.999805 , 0.57169974], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986412 , 0.31609863, 0.24811554,
0.45134413, 0.8631078 ], dtype=float32), array([0.          , 1.          , 0.99774265, 0.044
0.22724658, 0.96836925], dtype=float32), array([0.          , 1.          , 0.996024 , 0.498
0.6658767 , 0.8174665 ], dtype=float32), array([0.          , 1.          , 0.99450845, 0.665
0.7772431 , 0.7670723 ], dtype=float32), array([0.          , 1.          , 0.93880916, 0.794
0.9210219 , 0.67062557], dtype=float32), array([0.          , 1.          , 0.75215185, 0.744
0.80963814, 0.593151 ], dtype=float32), array([0.          , 1.          , 0.69725484, 0.956
0.99993294, 0.57210875], dtype=float32), array([0.          , 1.          , 0.6497209 , 0.897
0.9576349 , 0.5375211 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99864966, 0.31644097, 0.24797544,
0.4520106 , 0.8613517 ], dtype=float32), array([0.          , 1.          , 0.9977475 , 0.044
0.2271568 , 0.9684276 ], dtype=float32), array([0.          , 1.          , 0.9964908 , 0.495
0.6656954 , 0.8209026 ], dtype=float32), array([0.          , 1.          , 0.99477696, 0.665
0.7770746 , 0.7666205 ], dtype=float32), array([0.          , 1.          , 0.9463802 , 0.794
0.92117876, 0.672424 ], dtype=float32), array([0.          , 1.          , 0.7661205 , 0.746
0.8111877 , 0.5939944 ], dtype=float32), array([0.          , 1.          , 0.76232845, 0.897
0.9564982 , 0.531918 ], dtype=float32), array([0.          , 1.          , 0.7142931 , 0.956
0.99967456, 0.57310724], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99872273, 0.3166499 , 0.24669439,
0.45241845, 0.8617571 ], dtype=float32), array([0.          , 1.          , 0.99775475, 0.044
0.22723821, 0.97014606], dtype=float32), array([0.          , 1.          , 0.9964295 , 0.497
0.6651057 , 0.82065547], dtype=float32), array([0.          , 1.          , 0.9946747 , 0.664
0.77715856, 0.76748836], dtype=float32), array([0.          , 1.          , 0.9462109 , 0.795
0.92095107, 0.67150545], dtype=float32), array([0.          , 1.          , 0.74461305, 0.747
0.8085912 , 0.588331 ], dtype=float32), array([0.          , 1.          , 0.7316054 , 0.898
0.957729 , 0.53492975], dtype=float32), array([0.          , 1.          , 0.6536699 , 0.955
0.99964327, 0.572946 ], dtype=float32), array([0.          , 1.          , 0.60345924, 0.921
0.99084175, 0.55655223], dtype=float32)]

```

```

Total People in frame = 9
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987093 , 0.3168614 , 0.24756995,
        0.45244247, 0.8624624 ], dtype=float32), array([0.          , 1.          , 0.99797386, 0.044
        0.2273685 , 0.9662839 ], dtype=float32), array([0.          , 1.          , 0.99536186, 0.501
        0.6649721 , 0.8169248 ], dtype=float32), array([0.          , 1.          , 0.9951866 , 0.664
        0.7769309 , 0.7673387 ], dtype=float32), array([0.          , 1.          , 0.943559 , 0.793
        0.9208133 , 0.6710506 ], dtype=float32), array([0.          , 1.          , 0.86480683, 0.747
        0.8091884 , 0.5829956 ], dtype=float32), array([0.          , 1.          , 0.79079574, 0.898
        0.9590137 , 0.53616416], dtype=float32), array([0.          , 1.          , 0.61856675, 0.921
        0.99105227, 0.556656 ], dtype=float32), array([0.          , 1.          , 0.6067825 , 0.955
        0.99940145, 0.5733426 ], dtype=float32)]

Total People in frame = 9
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99848026, 0.31669298, 0.24831983,
        0.45168993, 0.86316395], dtype=float32), array([0.          , 1.          , 0.99790394, 0.044
        0.22746424, 0.96796435], dtype=float32), array([0.          , 1.          , 0.9949882 , 0.664
        0.77732605, 0.76766455], dtype=float32), array([0.          , 1.          , 0.994273 , 0.504
        0.6657411 , 0.81794834], dtype=float32), array([0.          , 1.          , 0.9420772 , 0.793
        0.9204326 , 0.6694367 ], dtype=float32), array([0.          , 1.          , 0.831859 , 0.897
        0.95859605, 0.5376595 ], dtype=float32), array([0.          , 1.          , 0.8312434 , 0.747
        0.80838335, 0.58406377], dtype=float32), array([0.          , 1.          , 0.61460966, 0.949
        0.9984584 , 0.56078047], dtype=float32)]

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986008 , 0.31678763, 0.24916142,
        0.45114425, 0.8607313 ], dtype=float32), array([0.          , 1.          , 0.9978904 , 0.045
        0.22741938, 0.9670192 ], dtype=float32), array([0.          , 1.          , 0.99506205, 0.665
        0.7778896 , 0.7676595 ], dtype=float32), array([0.          , 1.          , 0.9948907 , 0.513
        0.66892916, 0.8114266 ], dtype=float32), array([0.          , 1.          , 0.9417572 , 0.793
        0.9212882 , 0.66972715], dtype=float32), array([0.          , 1.          , 0.84535223, 0.747
        0.80902225, 0.58423257], dtype=float32), array([0.          , 1.          , 0.8196006 , 0.897
        0.9587103 , 0.53924805], dtype=float32), array([0.          , 1.          , 0.6096484 , 0.954
        0.99909556, 0.5748781 ], dtype=float32)]

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.9985697 , 0.31626636, 0.24905384,
        0.4512409 , 0.86125624], dtype=float32), array([0.          , 1.          , 0.997954 , 0.045
        0.22780427, 0.9671588 ], dtype=float32), array([0.          , 1.          , 0.9956292 , 0.511
        0.67031807, 0.81329757], dtype=float32), array([0.          , 1.          , 0.9947864 , 0.664
        0.77808946, 0.76890004], dtype=float32), array([0.          , 1.          , 0.93975633, 0.793
        0.9208461 , 0.6698689 ], dtype=float32), array([0.          , 1.          , 0.8202986 , 0.747
        0.8081717 , 0.5850431 ], dtype=float32), array([0.          , 1.          , 0.7989921 , 0.896
        0.95807356, 0.53966475], dtype=float32), array([0.          , 1.          , 0.6252905 , 0.948
        0.9985983 , 0.5601235 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986041 , 0.31547725, 0.25072587,
        0.45121497, 0.8618933 ], dtype=float32), array([0.          , 1.          , 0.9977913 , 0.045
        0.22753301, 0.96850675], dtype=float32), array([0.          , 1.          , 0.99645245, 0.510
        0.67136395, 0.8157374 ], dtype=float32), array([0.          , 1.          , 0.99474007, 0.664
        0.77822506, 0.7683587 ], dtype=float32), array([0.          , 1.          , 0.9420077 , 0.793
        0.92086065, 0.66888297], dtype=float32), array([0.          , 1.          , 0.87500334, 0.747
        0.80952126, 0.5866734 ], dtype=float32), array([0.          , 1.          , 0.8063775 , 0.897
        0.95794684, 0.5394823 ], dtype=float32), array([0.          , 1.          , 0.67427504, 0.949
        0.9986131 , 0.561795  ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983872 , 0.31318438, 0.25203326,
        0.45110738, 0.86491585], dtype=float32), array([0.          , 1.          , 0.99781823, 0.045
        0.22776994, 0.96879995], dtype=float32), array([0.          , 1.          , 0.9966407 , 0.512
        0.67164016, 0.8161017 ], dtype=float32), array([0.          , 1.          , 0.9941351 , 0.664
        0.77749574, 0.76690197], dtype=float32), array([0.          , 1.          , 0.940855 , 0.793
        0.92052436, 0.6686301 ], dtype=float32), array([0.          , 1.          , 0.81903917, 0.747
        0.8091599 , 0.58824754], dtype=float32), array([0.          , 1.          , 0.78627485, 0.895
        0.9563908 , 0.54006976], dtype=float32), array([0.          , 1.          , 0.6968689 , 0.949
        0.9987372 , 0.5607602 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987249 , 0.31011724, 0.24021429,
        0.4504872 , 0.8623341 ], dtype=float32), array([0.          , 1.          , 0.99789643, 0.045
        0.2286726 , 0.96691877], dtype=float32), array([0.          , 1.          , 0.99677867, 0.509
        0.6717529 , 0.8185317 ], dtype=float32), array([0.          , 1.          , 0.99408674, 0.664
        0.77792823, 0.76724565], dtype=float32), array([0.          , 1.          , 0.9575425 , 0.795
        0.919929 , 0.6705097 ], dtype=float32), array([0.          , 1.          , 0.8980388 , 0.748
```

```

        0.8109575 , 0.59054387], dtype=float32), array([0.          , 1.          , 0.8114952 , 0.895
        0.95737946, 0.53716177], dtype=float32), array([0.          , 1.          , 0.69524574, 0.955
        0.999393  , 0.5742105 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987942 , 0.30928275, 0.2411184 ,
        0.4503403 , 0.86233616], dtype=float32), array([0.          , 1.          , 0.9980026 , 0.045
        0.2291202 , 0.96651864], dtype=float32), array([0.          , 1.          , 0.99727064, 0.510
        0.67203534, 0.8181393 ], dtype=float32), array([0.          , 1.          , 0.99405104, 0.664
        0.7775648 , 0.767964  ], dtype=float32), array([0.          , 1.          , 0.9578195 , 0.795
        0.9197768 , 0.6705802 ], dtype=float32), array([0.          , 1.          , 0.8972717 , 0.749
        0.8106005 , 0.58797497], dtype=float32), array([0.          , 1.          , 0.7872048 , 0.895
        0.95692724, 0.53713655], dtype=float32), array([0.          , 1.          , 0.6963498 , 0.955
        0.99949086, 0.57415557], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99890196, 0.30926064, 0.24228051,
        0.44994602, 0.8632724 ], dtype=float32), array([0.          , 1.          , 0.99816614, 0.045
        0.22920695, 0.9663069 ], dtype=float32), array([0.          , 1.          , 0.99746895, 0.511
        0.6726654 , 0.817311  ], dtype=float32), array([0.          , 1.          , 0.9943212 , 0.664
        0.77780163, 0.7679363 ], dtype=float32), array([0.          , 1.          , 0.9585862 , 0.795
        0.92002815, 0.6698234 ], dtype=float32), array([0.          , 1.          , 0.89881605, 0.749
        0.81110805, 0.59373415], dtype=float32), array([0.          , 1.          , 0.8039022 , 0.895
        0.95625126, 0.5341258 ], dtype=float32), array([0.          , 1.          , 0.68225485, 0.950
        0.9989283 , 0.5605042 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99891233, 0.30917203, 0.24094644,
        0.4499157 , 0.86171544], dtype=float32), array([0.          , 1.          , 0.99797386, 0.047
        0.2287496 , 0.96837664], dtype=float32), array([0.          , 1.          , 0.9973501 , 0.512
        0.67237604, 0.8153076 ], dtype=float32), array([0.          , 1.          , 0.99427867, 0.664
        0.77819717, 0.76750314], dtype=float32), array([0.          , 1.          , 0.9546934 , 0.793
        0.92036223, 0.6708615 ], dtype=float32), array([0.          , 1.          , 0.90280205, 0.748
        0.8099591 , 0.5931281 ], dtype=float32), array([0.          , 1.          , 0.7033926 , 0.893735
        0.5312691], dtype=float32), array([0.          , 1.          , 0.6716312 , 0.94938064, 0.2322
        0.99909174, 0.5590911 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9989531 , 0.30934942, 0.24093688,
        0.45001763, 0.86224544], dtype=float32), array([0.          , 1.          , 0.9975803 , 0.048
        0.22820541, 0.9685105 ], dtype=float32), array([0.          , 1.          , 0.9972162 , 0.509
        0.671587  , 0.81723154], dtype=float32), array([0.          , 1.          , 0.9941036 , 0.664
        0.7788975 , 0.76723194], dtype=float32), array([0.          , 1.          , 0.95262706, 0.793
        0.9205208 , 0.67010075], dtype=float32), array([0.          , 1.          , 0.90965295, 0.747
        0.811095  , 0.5909795 ], dtype=float32), array([0.          , 1.          , 0.71130586, 0.949
        0.99897313, 0.5594987 ], dtype=float32), array([0.          , 1.          , 0.6233374 , 0.894
        0.954138  , 0.52837217], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99896383, 0.30995655, 0.24146828,
        0.44908416, 0.8624778 ], dtype=float32), array([0.          , 1.          , 0.99717903, 0.509
        0.6717117 , 0.8165953 ], dtype=float32), array([0.          , 1.          , 0.9970951 , 0.050
        0.22269431, 0.9559512 ], dtype=float32), array([0.          , 1.          , 0.99376255, 0.665
        0.7793114 , 0.76780117], dtype=float32), array([0.          , 1.          , 0.9437746 , 0.792
        0.92060256, 0.66990453], dtype=float32), array([0.          , 1.          , 0.8693376 , 0.746
        0.8111551 , 0.5914966 ], dtype=float32), array([0.          , 1.          , 0.7140047 , 0.949
        0.998994  , 0.56067204], dtype=float32), array([0.          , 1.          , 0.67428416, 0.896
        0.9533795 , 0.52770466], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9989767 , 0.3099438 , 0.23990616,
        0.44865566, 0.8615513 ], dtype=float32), array([0.          , 1.          , 0.99773383, 0.510
        0.67296004, 0.8142861 ], dtype=float32), array([0.          , 1.          , 0.9973653 , 0.051
        0.22239938, 0.95395327], dtype=float32), array([0.          , 1.          , 0.9937412 , 0.664
        0.7793996 , 0.76709193], dtype=float32), array([0.          , 1.          , 0.92554504, 0.790
        0.9210035 , 0.66725606], dtype=float32), array([0.          , 1.          , 0.89776325, 0.746
        0.8122944 , 0.5938256 ], dtype=float32), array([0.          , 1.          , 0.75092834, 0.894
        0.9548309 , 0.5349565 ], dtype=float32), array([0.          , 1.          , 0.7112299 , 0.955
        0.99935246, 0.5739869 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9989504 , 0.3099473 , 0.23876879,
        0.44867527, 0.86273205], dtype=float32), array([0.          , 1.          , 0.99729687, 0.506
        0.6723176 , 0.8138591 ], dtype=float32), array([0.          , 1.          , 0.99727494, 0.052
        0.22173312, 0.9542029 ], dtype=float32), array([0.          , 1.          , 0.99358726, 0.665
```

```

0.779427 , 0.76731545], dtype=float32), array([0.          , 1.          , 0.92491764, 0.789
0.9217821 , 0.6700332 ], dtype=float32), array([0.          , 1.          , 0.8819397 , 0.746
0.81168413, 0.5932862 ], dtype=float32), array([0.          , 1.          , 0.7348981 , 0.949
0.9988836 , 0.5607396 ], dtype=float32), array([0.          , 1.          , 0.6535828 , 0.896
0.95284784, 0.5285625 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99891245, 0.31010872, 0.23876446,
0.44802797, 0.8629342 ], dtype=float32), array([0.          , 1.          , 0.99751174, 0.054
0.22222544, 0.95647216], dtype=float32), array([0.          , 1.          , 0.99734265, 0.507
0.6728511 , 0.8130424 ], dtype=float32), array([0.          , 1.          , 0.9922001 , 0.664
0.7817745 , 0.76837313], dtype=float32), array([0.          , 1.          , 0.9107645 , 0.786
0.9214249 , 0.67214084], dtype=float32), array([0.          , 1.          , 0.8389081 , 0.744
0.81347555, 0.59464765], dtype=float32), array([0.          , 1.          , 0.7334299 , 0.898
0.9541054 , 0.52995324], dtype=float32), array([0.          , 1.          , 0.7101278 , 0.950
0.99892217, 0.56118435], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99891746, 0.310136 , 0.23950547,
0.44814888, 0.8631256 ], dtype=float32), array([0.          , 1.          , 0.9977081 , 0.055
0.22204709, 0.9569379 ], dtype=float32), array([0.          , 1.          , 0.9976095 , 0.502
0.67067266, 0.8162765 ], dtype=float32), array([0.          , 1.          , 0.991072 , 0.665
0.7844867 , 0.7694737 ], dtype=float32), array([0.          , 1.          , 0.90876377, 0.780
0.91710764, 0.66371924], dtype=float32), array([0.          , 1.          , 0.8257591 , 0.745
0.8142732 , 0.5932929 ], dtype=float32), array([0.          , 1.          , 0.72781426, 0.949
0.99881893, 0.56143045], dtype=float32), array([0.          , 1.          , 0.70568675, 0.899
0.9538572 , 0.52645606], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99892247, 0.30982214, 0.23896593,
0.4483903 , 0.86327654], dtype=float32), array([0.          , 1.          , 0.9977508 , 0.055
0.22182417, 0.96087694], dtype=float32), array([0.          , 1.          , 0.9975068 , 0.501
0.6690723 , 0.81316537], dtype=float32), array([0.          , 1.          , 0.9891117 , 0.665
0.7878323 , 0.7681718 ], dtype=float32), array([0.          , 1.          , 0.91370296, 0.779
0.9166215 , 0.6647473 ], dtype=float32), array([0.          , 1.          , 0.8435769 , 0.745
0.8154602 , 0.59442085], dtype=float32), array([0.          , 1.          , 0.7459502 , 0.949
0.9987702 , 0.5615232 ], dtype=float32), array([0.          , 1.          , 0.64267945, 0.899
0.9533269 , 0.5257627 ], dtype=float32)]
Total People in frame = 8

```

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99889153, 0.30962563, 0.23937947,
        0.44878197, 0.86344403], dtype=float32), array([0.          , 1.          , 0.9978116 , 0.055
        0.22189806, 0.9601911 ], dtype=float32), array([0.          , 1.          , 0.997672 , 0.503
        0.6685618 , 0.81557655], dtype=float32), array([0.          , 1.          , 0.98860186, 0.665
        0.7885842 , 0.765653  ], dtype=float32), array([0.          , 1.          , 0.9107902 , 0.781
        0.91648316, 0.6632895 ], dtype=float32), array([0.          , 1.          , 0.8469072, 0.744820
        0.5929849], dtype=float32), array([0.          , 1.          , 0.78496206, 0.94815296, 0.2289
        0.99883336, 0.55976725], dtype=float32), array([0.          , 1.          , 0.62030315, 0.898
        0.9522598 , 0.52375233], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9988286 , 0.3096744 , 0.24048397,
        0.44815508, 0.8626621 ], dtype=float32), array([0.          , 1.          , 0.9978236 , 0.504
        0.66854155, 0.81584346], dtype=float32), array([0.          , 1.          , 0.99770254, 0.055
        0.22200423, 0.9587686 ], dtype=float32), array([0.          , 1.          , 0.9905861 , 0.665
        0.7878785 , 0.7676493 ], dtype=float32), array([0.          , 1.          , 0.91830313, 0.788
        0.9211947 , 0.66976655], dtype=float32), array([0.          , 1.          , 0.79446524, 0.948
        0.9987098 , 0.5602668 ], dtype=float32), array([0.          , 1.          , 0.7660847 , 0.743
        0.8123582 , 0.59149647], dtype=float32), array([0.          , 1.          , 0.60012835, 0.899
        0.9526159 , 0.52379775], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9988362 , 0.309588 , 0.24127266,
        0.44797698, 0.8627573 ], dtype=float32), array([0.          , 1.          , 0.9980557 , 0.506
        0.6704354 , 0.81522185], dtype=float32), array([0.          , 1.          , 0.9975107 , 0.054
        0.22188959, 0.95592284], dtype=float32), array([0.          , 1.          , 0.99200284, 0.665
        0.7864942 , 0.77045876], dtype=float32), array([0.          , 1.          , 0.93074447, 0.791
        0.92110145, 0.6693545 ], dtype=float32), array([0.          , 1.          , 0.7934035 , 0.948
        0.99872994, 0.55984807], dtype=float32), array([0.          , 1.          , 0.6614254 , 0.743
        0.811622 , 0.5927441 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99881786, 0.3094958 , 0.24157798,
        0.4470905 , 0.8629199 ], dtype=float32), array([0.          , 1.          , 0.9980259 , 0.510
        0.6706431 , 0.81471133], dtype=float32), array([0.          , 1.          , 0.99723816, 0.053
```



```

0.22187366, 0.95535 ], dtype=float32), array([0.          , 1.          , 0.99333584, 0.665
0.78860474, 0.7721522 ], dtype=float32), array([0.          , 1.          , 0.92569375, 0.789
0.9212941 , 0.6703018 ], dtype=float32), array([0.          , 1.          , 0.80307263, 0.947
0.9988206 , 0.55962956], dtype=float32), array([0.          , 1.          , 0.6246263 , 0.744
0.8123222 , 0.59217024], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99880373, 0.30943143, 0.24086356,
0.44689023, 0.8630016 ], dtype=float32), array([0.          , 1.          , 0.99785715, 0.512
0.6704733 , 0.81607485], dtype=float32), array([0.          , 1.          , 0.99733007, 0.052
0.22194895, 0.9545527 ], dtype=float32), array([0.          , 1.          , 0.9939412 , 0.665
0.7916466 , 0.7737174 ], dtype=float32), array([0.          , 1.          , 0.9236915 , 0.788
0.92202777, 0.67250144], dtype=float32), array([0.          , 1.          , 0.8092297 , 0.947501
0.56033 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988341, 0.3096262, 0.2418445, 0.4454411,
0.8631455], dtype=float32), array([0.          , 1.          , 0.99767655, 0.5179155 , 0.2191
0.67129946, 0.8146756 ], dtype=float32), array([0.          , 1.          , 0.99741936, 0.052
0.22162202, 0.9526582 ], dtype=float32), array([0.          , 1.          , 0.9938147 , 0.665
0.79086894, 0.774197 ], dtype=float32), array([0.          , 1.          , 0.9279416 , 0.790
0.9222603 , 0.6725918 ], dtype=float32), array([0.          , 1.          , 0.79748636, 0.946
0.99892044, 0.5612716 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988255 , 0.30948195, 0.24256325,
0.4452127 , 0.86326706], dtype=float32), array([0.          , 1.          , 0.9978154 , 0.526
0.672464 , 0.81053686], dtype=float32), array([0.          , 1.          , 0.9972614 , 0.051
0.22171709, 0.953238 ], dtype=float32), array([0.          , 1.          , 0.99402595, 0.664
0.7917996 , 0.7734424 ], dtype=float32), array([0.          , 1.          , 0.92401844, 0.790
0.92214656, 0.67228276], dtype=float32), array([0.          , 1.          , 0.85425174, 0.934
0.9991269 , 0.56207615], dtype=float32), array([0.          , 1.          , 0.61749876, 0.743
0.8126106 , 0.59193194], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988133 , 0.3097931 , 0.24309632,
```

```

0.44445425, 0.8645122 ], dtype=float32), array([0.          , 1.          , 0.9977919 , 0.529
0.6727239 , 0.8097943 ], dtype=float32), array([0.          , 1.          , 0.99722075, 0.051
0.22219798, 0.9535624 ], dtype=float32), array([0.          , 1.          , 0.9936147 , 0.664
0.794848 , 0.772418 ], dtype=float32), array([0.          , 1.          , 0.9123956 , 0.789
0.9218323 , 0.67153776], dtype=float32), array([0.          , 1.          , 0.85329515, 0.935
0.99968016, 0.56201494], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998782 , 0.3097874 , 0.24304244,
0.44344944, 0.8637209 ], dtype=float32), array([0.          , 1.          , 0.9973533 , 0.052
0.22248694, 0.952322 ], dtype=float32), array([0.          , 1.          , 0.99723804, 0.530
0.67321473, 0.8091769 ], dtype=float32), array([0.          , 1.          , 0.99247015, 0.665
0.7920275 , 0.7725684 ], dtype=float32), array([0.          , 1.          , 0.9328491 , 0.791
0.9215608 , 0.67080426], dtype=float32), array([0.          , 1.          , 0.852392 , 0.934
0.99974114, 0.5651827 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99879265, 0.30967847, 0.24388361,
0.4437658 , 0.8631605 ], dtype=float32), array([0.          , 1.          , 0.9974337 , 0.052
0.22254682, 0.9509134 ], dtype=float32), array([0.          , 1.          , 0.9972863 , 0.530
0.67332524, 0.8094823 ], dtype=float32), array([0.          , 1.          , 0.9936069 , 0.665
0.78818214, 0.77322686], dtype=float32), array([0.          , 1.          , 0.95018613, 0.795
0.9227347 , 0.673146 ], dtype=float32), array([0.          , 1.          , 0.86656 , 0.935
0.999351 , 0.56299835], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986253 , 0.30954552, 0.2441634 ,
0.44330388, 0.8631766 ], dtype=float32), array([0.          , 1.          , 0.9975898 , 0.053
0.22223395, 0.95228493], dtype=float32), array([0.          , 1.          , 0.99736017, 0.530
0.6730355 , 0.80997676], dtype=float32), array([0.          , 1.          , 0.99089456, 0.663
0.7860983 , 0.7720523 ], dtype=float32), array([0.          , 1.          , 0.9545479 , 0.796
0.92276716, 0.67425007], dtype=float32), array([0.          , 1.          , 0.87575215, 0.935
0.99903554, 0.5629105 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985668 , 0.30946684, 0.24424103,

```

```

0.44298428, 0.86324763], dtype=float32), array([0.          , 1.          , 0.9976763 , 0.530
0.6731655 , 0.8087056 ], dtype=float32), array([0.          , 1.          , 0.9976527 , 0.054
0.22213966, 0.9524463 ], dtype=float32), array([0.          , 1.          , 0.9915211 , 0.663
0.7843531 , 0.770932  ], dtype=float32), array([0.          , 1.          , 0.9597906 , 0.797
0.92328393, 0.6752308 ], dtype=float32), array([0.          , 1.          , 0.9099405 , 0.934
0.99826956, 0.56117284], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984968 , 0.30948806, 0.24498588,
0.44378585, 0.8625236 ], dtype=float32), array([0.          , 1.          , 0.99762493, 0.053
0.22212327, 0.9529998 ], dtype=float32), array([0.          , 1.          , 0.997486 , 0.531
0.6730775 , 0.8063625 ], dtype=float32), array([0.          , 1.          , 0.99320495, 0.664
0.78538513, 0.77171886], dtype=float32), array([0.          , 1.          , 0.9598646 , 0.797
0.9234894 , 0.67492986], dtype=float32), array([0.          , 1.          , 0.93047637, 0.933
0.997305 , 0.55992943], dtype=float32), array([0.          , 1.          , 0.6394934 , 0.630
0.6462505 , 0.30090663], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99858415, 0.3092021 , 0.24591678,
0.44443378, 0.8615846 ], dtype=float32), array([0.          , 1.          , 0.99754447, 0.052
0.22227398, 0.9514277 ], dtype=float32), array([0.          , 1.          , 0.9975042 , 0.531
0.67400014, 0.80564594], dtype=float32), array([0.          , 1.          , 0.9946079 , 0.663
0.78567076, 0.77346766], dtype=float32), array([0.          , 1.          , 0.9610559 , 0.797
0.9232947 , 0.67466974], dtype=float32), array([0.          , 1.          , 0.90382147, 0.933
0.9969336 , 0.5622766 ], dtype=float32), array([0.          , 1.          , 0.6497992 , 0.630
0.6460025 , 0.30092725], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984962 , 0.30910558, 0.24554446,
0.44556427, 0.86392164], dtype=float32), array([0.          , 1.          , 0.9974126 , 0.050
0.22241735, 0.9511336 ], dtype=float32), array([0.          , 1.          , 0.9972097 , 0.529
0.6734099 , 0.80498326], dtype=float32), array([0.          , 1.          , 0.99500036, 0.664
0.7846549 , 0.7749919 ], dtype=float32), array([0.          , 1.          , 0.9655547 , 0.797
0.9234127 , 0.67712325], dtype=float32), array([0.          , 1.          , 0.8995038 , 0.933
0.99638313, 0.5627779 ], dtype=float32), array([0.          , 1.          , 0.637785 , 0.629
0.6456833 , 0.30216873], dtype=float32), array([0.          , 1.          , 0.62496924, 0.901
0.95588636, 0.52641225], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983931 , 0.3090244 , 0.24608737,
        0.44665718, 0.8638485 ], dtype=float32), array([0.          , 1.          , 0.99759066, 0.528
        0.67277664, 0.80629605], dtype=float32), array([0.          , 1.          , 0.9974362 , 0.049
        0.22737081, 0.96547234], dtype=float32), array([0.          , 1.          , 0.99359185, 0.665
        0.7831411 , 0.7786409 ], dtype=float32), array([0.          , 1.          , 0.9680532 , 0.798
        0.92345244, 0.6782224 ], dtype=float32), array([0.          , 1.          , 0.92878574, 0.933
        0.99668413, 0.56087214], dtype=float32), array([0.          , 1.          , 0.6302334 , 0.629
        0.6462989 , 0.30276516], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984108 , 0.30864906, 0.2469131 ,
        0.44781512, 0.8642204 ], dtype=float32), array([0.          , 1.          , 0.99781907, 0.048
        0.2279004 , 0.9660654 ], dtype=float32), array([0.          , 1.          , 0.9977495 , 0.527
        0.67219484, 0.80748343], dtype=float32), array([0.          , 1.          , 0.9940224 , 0.665
        0.78322315, 0.77791345], dtype=float32), array([0.          , 1.          , 0.96560127, 0.797
        0.9231475 , 0.6780079 ], dtype=float32), array([0.          , 1.          , 0.9525179 , 0.933
        0.9972573 , 0.5606462 ], dtype=float32), array([0.          , 1.          , 0.6055811 , 0.629
        0.64627665, 0.30362305], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.998346 , 0.30853483, 0.24772727,
        0.44846377, 0.8604809 ], dtype=float32), array([0.          , 1.          , 0.9980063 , 0.047
        0.22818896, 0.96616805], dtype=float32), array([0.          , 1.          , 0.9974496 , 0.527
        0.67170364, 0.8061105 ], dtype=float32), array([0.          , 1.          , 0.99380386, 0.666
        0.7829018 , 0.77697265], dtype=float32), array([0.          , 1.          , 0.9649443 , 0.796
        0.9238026 , 0.67824054], dtype=float32), array([0.          , 1.          , 0.9436792 , 0.934
        0.99741656, 0.56074506], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998285 , 0.30840927, 0.2475726 ,
        0.44783723, 0.8610365 ], dtype=float32), array([0.          , 1.          , 0.99794596, 0.046
        0.2283875 , 0.96669793], dtype=float32), array([0.          , 1.          , 0.9976611 , 0.526
        0.6719464 , 0.8061485 ], dtype=float32), array([0.          , 1.          , 0.9949537 , 0.666
        0.7816769 , 0.77664375], dtype=float32), array([0.          , 1.          , 0.9635523 , 0.795
        0.92350584, 0.67806035], dtype=float32), array([0.          , 1.          , 0.9085861 , 0.937
        0.99792176, 0.55995023], dtype=float32), array([0.          , 1.          , 0.76795995, 0.902
```

```

    0.9529431 , 0.47254533], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99835676, 0.30789497, 0.24703762,
        0.44862542, 0.8604561 ], dtype=float32), array([0.          , 1.          , 0.99800855, 0.046
        0.22849229, 0.96686804], dtype=float32), array([0.          , 1.          , 0.9977004 , 0.525
        0.67204565, 0.80618864], dtype=float32), array([0.          , 1.          , 0.9947196 , 0.665
        0.7821687 , 0.7771107 ], dtype=float32), array([0.          , 1.          , 0.9641451 , 0.795
        0.92352605, 0.6770336 ], dtype=float32), array([0.          , 1.          , 0.861288 , 0.939212
        0.5573805], dtype=float32), array([0.          , 1.          , 0.7477335 , 0.90321785, 0.2042
        0.95384544, 0.4645589 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99846435, 0.30749422, 0.24683905,
        0.44837844, 0.8592472 ], dtype=float32), array([0.          , 1.          , 0.9981281 , 0.045
        0.22884849, 0.96517587], dtype=float32), array([0.          , 1.          , 0.99769837, 0.526
        0.6717775 , 0.80635995], dtype=float32), array([0.          , 1.          , 0.9946274 , 0.664
        0.7822128 , 0.7779962 ], dtype=float32), array([0.          , 1.          , 0.9670715 , 0.795
        0.92312294, 0.67735714], dtype=float32), array([0.          , 1.          , 0.8908678 , 0.935
        0.9963004 , 0.56374246], dtype=float32), array([0.          , 1.          , 0.6020242 , 0.739
        0.806494 , 0.59861594], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853766, 0.30750597, 0.2467153 ,
        0.44816476, 0.8579563 ], dtype=float32), array([0.          , 1.          , 0.9979189 , 0.045
        0.22880453, 0.9658626 ], dtype=float32), array([0.          , 1.          , 0.99733824, 0.527
        0.6720954 , 0.805416 ], dtype=float32), array([0.          , 1.          , 0.99477404, 0.664
        0.78080875, 0.7747856 ], dtype=float32), array([0.          , 1.          , 0.9660054 , 0.795
        0.92268205, 0.67855644], dtype=float32), array([0.          , 1.          , 0.8291101 , 0.935
        0.99530554, 0.56350857], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986242 , 0.30735588, 0.24655887,
        0.44778442, 0.8575773 ], dtype=float32), array([0.          , 1.          , 0.9978902 , 0.045
        0.22852096, 0.9656534 ], dtype=float32), array([0.          , 1.          , 0.99643326, 0.530
        0.67198014, 0.8069242 ], dtype=float32), array([0.          , 1.          , 0.9957176 , 0.664

```

```

    0.778909 , 0.7735882 ], dtype=float32), array([0.          , 1.          , 0.96449053, 0.796
    0.92237437, 0.67839414], dtype=float32), array([0.          , 1.          , 0.76279795, 0.950
    0.99820936, 0.5683002 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99875367, 0.30699345, 0.24561435,
    0.44704154, 0.8582677 ], dtype=float32), array([0.          , 1.          , 0.9978503 , 0.045
    0.22811396, 0.96577734], dtype=float32), array([0.          , 1.          , 0.99585825, 0.664
    0.7776058 , 0.77228296], dtype=float32), array([0.          , 1.          , 0.9954721 , 0.530
    0.67144763, 0.80647135], dtype=float32), array([0.          , 1.          , 0.9664657 , 0.796
    0.9217695 , 0.67777854], dtype=float32), array([0.          , 1.          , 0.75642335, 0.950
    0.9986422 , 0.564811  ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99886274, 0.306848 , 0.24548152,
    0.44760382, 0.8586297 ], dtype=float32), array([0.          , 1.          , 0.99784124, 0.045
    0.22774851, 0.962987  ], dtype=float32), array([0.          , 1.          , 0.9957802 , 0.531
    0.67141765, 0.8067923 ], dtype=float32), array([0.          , 1.          , 0.99545395, 0.664
    0.77814305, 0.77303624], dtype=float32), array([0.          , 1.          , 0.96806616, 0.796
    0.9217869 , 0.6779986 ], dtype=float32), array([0.          , 1.          , 0.73970777, 0.955
    0.99947286, 0.56864256], dtype=float32), array([0.          , 1.          , 0.6272439 , 0.739
    0.8056333 , 0.5974999 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99889416, 0.30683747, 0.24494496,
    0.447399 , 0.85843813], dtype=float32), array([0.          , 1.          , 0.99783534, 0.045
    0.22771499, 0.965945  ], dtype=float32), array([0.          , 1.          , 0.9961046 , 0.530
    0.6708154 , 0.8070571 ], dtype=float32), array([0.          , 1.          , 0.99526596, 0.665
    0.7777083 , 0.7724356 ], dtype=float32), array([0.          , 1.          , 0.96917266, 0.796
    0.9215508 , 0.6790147 ], dtype=float32), array([0.          , 1.          , 0.7504274 , 0.956
    0.99940467, 0.56911504], dtype=float32), array([0.          , 1.          , 0.6432464 , 0.739
    0.80610514, 0.5981257 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99889755, 0.3068266 , 0.24406898,
    0.4470005 , 0.8590369 ], dtype=float32), array([0.          , 1.          , 0.9978922 , 0.045

```

```

0.22800669, 0.9659468 ], dtype=float32), array([0.          , 1.          , 0.99592686, 0.531
0.67128444, 0.8072727 ], dtype=float32), array([0.          , 1.          , 0.9952217 , 0.665
0.77725756, 0.77285516], dtype=float32), array([0.          , 1.          , 0.9671796 , 0.796
0.92098594, 0.67867684], dtype=float32), array([0.          , 1.          , 0.82421565, 0.957
0.99981743, 0.5659491 ], dtype=float32), array([0.          , 1.          , 0.74603856, 0.741
0.80642474, 0.59876543], dtype=float32), array([0.          , 1.          , 0.63544035, 0.933
0.9719087 , 0.3540972 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9989085 , 0.3072976 , 0.2450042 ,
0.44699943, 0.85918856], dtype=float32), array([0.          , 1.          , 0.9978824 , 0.045
0.22803843, 0.9660678 ], dtype=float32), array([0.          , 1.          , 0.9958633 , 0.531
0.6716325 , 0.8053193 ], dtype=float32), array([0.          , 1.          , 0.99533796, 0.665
0.7768944 , 0.772154 ], dtype=float32), array([0.          , 1.          , 0.9667682 , 0.796
0.9208328 , 0.67851216], dtype=float32), array([0.          , 1.          , 0.7649693 , 0.742
0.8067103 , 0.5993824 ], dtype=float32), array([0.          , 1.          , 0.6727933 , 0.957
0.99865276, 0.54916495], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9989303 , 0.30705377, 0.24480614,
0.4477361 , 0.85956013], dtype=float32), array([0.          , 1.          , 0.9979976 , 0.045
0.2279642 , 0.96391916], dtype=float32), array([0.          , 1.          , 0.99584585, 0.530
0.670929 , 0.80425537], dtype=float32), array([0.          , 1.          , 0.9952833 , 0.665
0.7767281 , 0.77249247], dtype=float32), array([0.          , 1.          , 0.9663293 , 0.796
0.92106277, 0.6780362 ], dtype=float32), array([0.          , 1.          , 0.73501986, 0.743
0.80736405, 0.5989466 ], dtype=float32), array([0.          , 1.          , 0.6936045 , 0.934
0.9723762 , 0.35242948], dtype=float32), array([0.          , 1.          , 0.65840477, 0.920
0.9925383 , 0.5646104 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99883264, 0.30737138, 0.24472171,
0.4475088 , 0.86057967], dtype=float32), array([0.          , 1.          , 0.99780566, 0.045
0.22739664, 0.9632178 ], dtype=float32), array([0.          , 1.          , 0.996505 , 0.529
0.67159986, 0.804133 ], dtype=float32), array([0.          , 1.          , 0.9954905 , 0.665
0.77734363, 0.7735447 ], dtype=float32), array([0.          , 1.          , 0.96511346, 0.797
0.9212569 , 0.6776196 ], dtype=float32), array([0.          , 1.          , 0.7959874 , 0.919
0.99608576, 0.56987685], dtype=float32), array([0.          , 1.          , 0.71728414, 0.743
0.80792725, 0.5983317 ], dtype=float32), array([0.          , 1.          , 0.6020516 , 0.630
0.6460212 , 0.29998964], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988374 , 0.30751562, 0.24440527,
        0.44751364, 0.86049676], dtype=float32), array([0.          , 1.          , 0.99797386, 0.045
        0.22799273, 0.9621655 ], dtype=float32), array([0.          , 1.          , 0.99709773, 0.529
        0.6719202 , 0.80477184], dtype=float32), array([0.          , 1.          , 0.99552   , 0.665
        0.7773787 , 0.77406716], dtype=float32), array([0.          , 1.          , 0.96602196, 0.797
        0.9209489 , 0.6760803 ], dtype=float32), array([0.          , 1.          , 0.78807807, 0.743
        0.8080406 , 0.6013988 ], dtype=float32), array([0.          , 1.          , 0.6402388 , 0.919
        0.99534774, 0.56273735], dtype=float32), array([0.          , 1.          , 0.6026264 , 0.629
        0.64624524, 0.30124617], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998844   , 0.30775297, 0.24453059,
        0.44815248, 0.861596   ], dtype=float32), array([0.          , 1.          , 0.9979943 , 0.045
        0.22783989, 0.9625169 ], dtype=float32), array([0.          , 1.          , 0.9974106 , 0.530
        0.67249715, 0.80517185], dtype=float32), array([0.          , 1.          , 0.9954372 , 0.665
        0.7775508 , 0.77476215], dtype=float32), array([0.          , 1.          , 0.9675822 , 0.797
        0.9209051 , 0.6764347 ], dtype=float32), array([0.          , 1.          , 0.8171526 , 0.743
        0.8082276 , 0.60143465], dtype=float32), array([0.          , 1.          , 0.62682307, 0.629
        0.6466026 , 0.3024702 ], dtype=float32), array([0.          , 1.          , 0.62485474, 0.916
        0.99384236, 0.56147516], dtype=float32), array([0.          , 1.          , 0.6221754 , 0.899
        0.95900935, 0.5296658 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988952 , 0.30764502, 0.24474502,
        0.44841337, 0.8611529 ], dtype=float32), array([0.          , 1.          , 0.9980531 , 0.044
        0.22801161, 0.96653336], dtype=float32), array([0.          , 1.          , 0.9974286 , 0.530
        0.6733361 , 0.8066471 ], dtype=float32), array([0.          , 1.          , 0.9953857 , 0.664
        0.7779976 , 0.7738583 ], dtype=float32), array([0.          , 1.          , 0.9668651 , 0.797
        0.92050195, 0.6748992 ], dtype=float32), array([0.          , 1.          , 0.81509346, 0.742
        0.80757564, 0.60171837], dtype=float32), array([0.          , 1.          , 0.6358983 , 0.629
        0.64671063, 0.3015169 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9989127 , 0.30808717, 0.24530739,

```



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0.4476506 , 0.8609137 ], dtype=float32), array([0.          , 1.          , 0.9979377 , 0.045
0.22758901, 0.9644623 ], dtype=float32), array([0.          , 1.          , 0.9968941 , 0.530
0.6724603 , 0.80657816], dtype=float32), array([0.          , 1.          , 0.9954861 , 0.665
0.77836883, 0.77401114], dtype=float32), array([0.          , 1.          , 0.96522295, 0.796
0.9208947 , 0.6755192 ], dtype=float32), array([0.          , 1.          , 0.8655159, 0.743672
0.6017162], dtype=float32), array([0.          , 1.          , 0.66451454, 0.91887695, 0.2628
0.9960013 , 0.5548418 ], dtype=float32), array([0.          , 1.          , 0.64888734, 0.629
0.6463129 , 0.30226803], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99891996, 0.3081935 , 0.24495223,
0.4475907 , 0.86153185], dtype=float32), array([0.          , 1.          , 0.9980932 , 0.045
0.22812733, 0.96286386], dtype=float32), array([0.          , 1.          , 0.9972363 , 0.530
0.67253625, 0.80877066], dtype=float32), array([0.          , 1.          , 0.9954816 , 0.665
0.7788557 , 0.77560365], dtype=float32), array([0.          , 1.          , 0.9636678 , 0.796
0.92135274, 0.67455494], dtype=float32), array([0.          , 1.          , 0.84036005, 0.742
0.8077172 , 0.60084206], dtype=float32), array([0.          , 1.          , 0.74852365, 0.919
0.9968423 , 0.5569528 ], dtype=float32), array([0.          , 1.          , 0.6599965 , 0.629
0.646376 , 0.3015265 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988759 , 0.30867314, 0.24521217,
0.44720596, 0.8610171 ], dtype=float32), array([0.          , 1.          , 0.9980788 , 0.045
0.22818753, 0.96328807], dtype=float32), array([0.          , 1.          , 0.9975793 , 0.529
0.67259806, 0.8099197 ], dtype=float32), array([0.          , 1.          , 0.9953838 , 0.665
0.77929384, 0.7766459 ], dtype=float32), array([0.          , 1.          , 0.9648614 , 0.796
0.9216079 , 0.6749766 ], dtype=float32), array([0.          , 1.          , 0.8580982, 0.742047
0.5997737], dtype=float32), array([0.          , 1.          , 0.6930688 , 0.9221343 , 0.2539
0.99802375, 0.55555314], dtype=float32), array([0.          , 1.          , 0.66967374, 0.629
0.64627725, 0.30113807], dtype=float32), array([0.          , 1.          , 0.6007898 , 0.898
0.9572773 , 0.5243881 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988481 , 0.30880588, 0.24471936,
0.44711202, 0.86230767], dtype=float32), array([0.          , 1.          , 0.99794155, 0.045
0.22793815, 0.96580577], dtype=float32), array([0.          , 1.          , 0.9975744 , 0.528
0.67234665, 0.81178486], dtype=float32), array([0.          , 1.          , 0.99549156, 0.665
0.77865124, 0.77702975], dtype=float32), array([0.          , 1.          , 0.963815 , 0.797
0.9216741 , 0.67484283], dtype=float32), array([0.          , 1.          , 0.8614764 , 0.742

```

```

        0.8076514 , 0.5988444 ], dtype=float32), array([0.          , 1.          , 0.844235  , 0.920
        0.9983014 , 0.5609964 ], dtype=float32), array([0.          , 1.          , 0.62884897, 0.629
        0.64628065, 0.3018506 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9987675 , 0.30923396, 0.24413195,
        0.44694883, 0.8629725 ], dtype=float32), array([0.          , 1.          , 0.9980901 , 0.044
        0.2278453 , 0.96464896], dtype=float32), array([0.          , 1.          , 0.9973603 , 0.528
        0.6719854 , 0.811339  ], dtype=float32), array([0.          , 1.          , 0.99533683, 0.665
        0.77917403, 0.7776995 ], dtype=float32), array([0.          , 1.          , 0.96447486, 0.797
        0.92208433, 0.67640394], dtype=float32), array([0.          , 1.          , 0.90705425, 0.916
        0.9997012 , 0.57102585], dtype=float32), array([0.          , 1.          , 0.8137209 , 0.742
        0.8066511 , 0.59807885], dtype=float32), array([0.          , 1.          , 0.6749617 , 0.629
        0.64541787, 0.30280754], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99887246, 0.309042  , 0.24405462,
        0.44686607, 0.86188453], dtype=float32), array([0.          , 1.          , 0.99810505, 0.044
        0.22797184, 0.965349  ], dtype=float32), array([0.          , 1.          , 0.99740076, 0.529
        0.672607  , 0.8102396 ], dtype=float32), array([0.          , 1.          , 0.9953725 , 0.665
        0.7785643 , 0.77610373], dtype=float32), array([0.          , 1.          , 0.96111757, 0.796
        0.9220793 , 0.6758579 ], dtype=float32), array([0.          , 1.          , 0.89232033, 0.915
        0.9998399 , 0.570816  ], dtype=float32), array([0.          , 1.          , 0.7769233 , 0.745
        0.8062004 , 0.5926839 ], dtype=float32), array([0.          , 1.          , 0.61326045, 0.629
        0.6458756 , 0.3037578 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99887055, 0.30927163, 0.24369803,
        0.4470374 , 0.86237466], dtype=float32), array([0.          , 1.          , 0.9980263 , 0.044
        0.22799262, 0.96476555], dtype=float32), array([0.          , 1.          , 0.99707437, 0.529
        0.67263955, 0.8095394 ], dtype=float32), array([0.          , 1.          , 0.99502313, 0.664
        0.77961427, 0.7761715 ], dtype=float32), array([0.          , 1.          , 0.9612558 , 0.796
        0.9219574 , 0.67556876], dtype=float32), array([0.          , 1.          , 0.91439396, 0.915
        0.99894786, 0.571427  ], dtype=float32), array([0.          , 1.          , 0.8100491 , 0.747
        0.80798805, 0.59131956], dtype=float32), array([0.          , 1.          , 0.60055923, 0.629
        0.64547783, 0.3044719 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1

```

2 2

Running Inference

```
[array([0.          , 1.          , 0.99884725, 0.30922168, 0.24344277,
        0.44774294, 0.86290884], dtype=float32), array([0.          , 1.          , 0.99810493, 0.044
        0.22819853, 0.9657998 ], dtype=float32), array([0.          , 1.          , 0.99702966, 0.530
        0.67293656, 0.8104404 ], dtype=float32), array([0.          , 1.          , 0.9946898 , 0.665
        0.78005517, 0.7762829 ], dtype=float32), array([0.          , 1.          , 0.9567691 , 0.796
        0.9223552 , 0.67596596], dtype=float32), array([0.          , 1.          , 0.89667225, 0.915
        0.99820924, 0.5713078 ], dtype=float32), array([0.          , 1.          , 0.78223825, 0.746
        0.8065838 , 0.58771354], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99882394, 0.3094154 , 0.2440638 ,
        0.4485103 , 0.86216  ], dtype=float32), array([0.          , 1.          , 0.9981402 , 0.044
        0.22839724, 0.9665332 ], dtype=float32), array([0.          , 1.          , 0.99643195, 0.529
        0.672906 , 0.80843765], dtype=float32), array([0.          , 1.          , 0.9945838 , 0.667
        0.7804228 , 0.7721617 ], dtype=float32), array([0.          , 1.          , 0.95676935, 0.796
        0.9228821 , 0.6772624 ], dtype=float32), array([0.          , 1.          , 0.84498334, 0.919
        0.9985005 , 0.5717877 ], dtype=float32), array([0.          , 1.          , 0.72065794, 0.747
        0.8056198 , 0.5863216 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987495 , 0.3094983 , 0.24462354,
        0.44937092, 0.8629819 ], dtype=float32), array([0.          , 1.          , 0.9981188 , 0.045
        0.22854453, 0.9681845 ], dtype=float32), array([0.          , 1.          , 0.99583566, 0.530
        0.6735107 , 0.80907  ], dtype=float32), array([0.          , 1.          , 0.99462295, 0.667
        0.78043747, 0.7710782 ], dtype=float32), array([0.          , 1.          , 0.9555491, 0.796733
        0.6758631], dtype=float32), array([0.          , 1.          , 0.7486354 , 0.9233393 , 0.2583
        0.9987436 , 0.57091236], dtype=float32), array([0.          , 1.          , 0.7217137 , 0.746
        0.80477715, 0.5842494 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986481 , 0.3097273 , 0.2438722 ,
        0.44999963, 0.8647568 ], dtype=float32), array([0.          , 1.          , 0.9981822 , 0.044
        0.22848874, 0.96739435], dtype=float32), array([0.          , 1.          , 0.99563605, 0.669
        0.7801265 , 0.7668688 ], dtype=float32), array([0.          , 1.          , 0.9954159 , 0.530
        0.67313194, 0.808489  ], dtype=float32), array([0.          , 1.          , 0.9610912 , 0.796
        0.92187536, 0.6758111 ], dtype=float32), array([0.          , 1.          , 0.72790456, 0.747
        0.80347687, 0.5832443 ], dtype=float32), array([0.          , 1.          , 0.721356 , 0.923
```

```

    0.9992985 , 0.5700224 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986565 , 0.3096251 , 0.24432132,
        0.44969028, 0.86585736], dtype=float32), array([0.          , 1.          , 0.9982925 , 0.044
        0.22884221, 0.9658444 ], dtype=float32), array([0.          , 1.          , 0.99576366, 0.669
        0.778817 , 0.7624873 ], dtype=float32), array([0.          , 1.          , 0.99494743, 0.530
        0.67239386, 0.8073145 ], dtype=float32), array([0.          , 1.          , 0.95576644, 0.796
        0.921988 , 0.67420495], dtype=float32), array([0.          , 1.          , 0.6080494 , 0.923
        0.99798894, 0.5680231 ], dtype=float32), array([0.          , 1.          , 0.6068108 , 0.712
        0.7909741 , 0.6505952 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99876547, 0.30977845, 0.24450678,
        0.44971007, 0.86382324], dtype=float32), array([0.          , 1.          , 0.9982493 , 0.044
        0.22868207, 0.96734095], dtype=float32), array([0.          , 1.          , 0.9959105 , 0.668
        0.7788227 , 0.7686527 ], dtype=float32), array([0.          , 1.          , 0.9946907 , 0.530
        0.6721744 , 0.8085507 ], dtype=float32), array([0.          , 1.          , 0.95671695, 0.796
        0.9217961 , 0.67483366], dtype=float32), array([0.          , 1.          , 0.77061486, 0.925
        0.99810296, 0.5686379 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988243 , 0.30985445, 0.24490353,
        0.44907403, 0.8624532 ], dtype=float32), array([0.          , 1.          , 0.99820256, 0.045
        0.22893511, 0.9685366 ], dtype=float32), array([0.          , 1.          , 0.9958229 , 0.669
        0.77785045, 0.7666658 ], dtype=float32), array([0.          , 1.          , 0.9945614 , 0.529
        0.6711589 , 0.80609345], dtype=float32), array([0.          , 1.          , 0.95424575, 0.797
        0.9215001 , 0.67489904], dtype=float32), array([0.          , 1.          , 0.71419394, 0.927
        0.9996106 , 0.56777126], dtype=float32), array([0.          , 1.          , 0.6496258 , 0.716
        0.78964096, 0.64606017], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99878114, 0.31016394, 0.24581417,
        0.44943133, 0.8619188 ], dtype=float32), array([0.          , 1.          , 0.99804556, 0.046
        0.22831532, 0.9685189 ], dtype=float32), array([0.          , 1.          , 0.9953436 , 0.668
        0.77858466, 0.7685155 ], dtype=float32), array([0.          , 1.          , 0.99489224, 0.529

```

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0.67122096, 0.80768424], dtype=float32), array([0.        , 1.        , 0.9550865, 0.797537
0.6749159], dtype=float32), array([0.        , 1.        , 0.72308224, 0.9250942 , 0.2446
0.99899787, 0.5644663 ], dtype=float32), array([0.        , 1.        , 0.6906354 , 0.719
0.7910222 , 0.6364225 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.        , 1.        , 0.9988055 , 0.3099506 , 0.24579608,
0.44946533, 0.86095417], dtype=float32), array([0.        , 1.        , 0.9978555 , 0.048
0.22792315, 0.96848536], dtype=float32), array([0.        , 1.        , 0.99560744, 0.530
0.67215693, 0.8058426 ], dtype=float32), array([0.        , 1.        , 0.9953902 , 0.669
0.77829635, 0.7669084 ], dtype=float32), array([0.        , 1.        , 0.95385057, 0.797
0.921707 , 0.6745291 ], dtype=float32), array([0.        , 1.        , 0.6283077 , 0.716
0.78958815, 0.6379732 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.        , 1.        , 0.99874926, 0.30997205, 0.24479446,
0.4495688 , 0.86200535], dtype=float32), array([0.        , 1.        , 0.99766266, 0.050
0.2235876 , 0.9540533 ], dtype=float32), array([0.        , 1.        , 0.9964719 , 0.529
0.6754074 , 0.80703366], dtype=float32), array([0.        , 1.        , 0.9950133 , 0.668
0.7800824 , 0.7692803 ], dtype=float32), array([0.        , 1.        , 0.95302826, 0.797
0.921819 , 0.67538863], dtype=float32), array([0.        , 1.        , 0.60423523, 0.630
0.64647406, 0.30065385], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.        , 1.        , 0.99874663, 0.30985165, 0.24492761,
0.44953543, 0.8638613 ], dtype=float32), array([0.        , 1.        , 0.997732 , 0.050
0.22314969, 0.9544654 ], dtype=float32), array([0.        , 1.        , 0.9966654 , 0.522
0.67463195, 0.80838037], dtype=float32), array([0.        , 1.        , 0.994899 , 0.667
0.7803009 , 0.76994514], dtype=float32), array([0.        , 1.        , 0.9540597 , 0.798
0.9217434 , 0.6739846 ], dtype=float32), array([0.        , 1.        , 0.6921426 , 0.900
0.9532614 , 0.5300556 ], dtype=float32), array([0.        , 1.        , 0.60583156, 0.716
0.7903298 , 0.64054734], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.        , 1.        , 0.9987213 , 0.31002107, 0.24447045,
0.44954446, 0.863744 ], dtype=float32), array([0.        , 1.        , 0.9975358 , 0.050

```

```

0.22276711, 0.9528881 ], dtype=float32), array([0.          , 1.          , 0.9963337 , 0.525
0.67354596, 0.8060877 ], dtype=float32), array([0.          , 1.          , 0.99463755, 0.667
0.78012896, 0.76865983], dtype=float32), array([0.          , 1.          , 0.956909 , 0.797
0.9212108 , 0.674581 ], dtype=float32), array([0.          , 1.          , 0.8025996 , 0.901
0.954543 , 0.52888983], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99872583, 0.30983233, 0.24444658,
0.44982493, 0.86477906], dtype=float32), array([0.          , 1.          , 0.997804 , 0.052
0.2223607 , 0.9546486 ], dtype=float32), array([0.          , 1.          , 0.9962817 , 0.530
0.67333025, 0.80748475], dtype=float32), array([0.          , 1.          , 0.9936977, 0.667898
0.7664722], dtype=float32), array([0.          , 1.          , 0.9553103 , 0.7969224 , 0.2560
0.92121166, 0.6733991 ], dtype=float32), array([0.          , 1.          , 0.8055627 , 0.902
0.9587995 , 0.53663564], dtype=float32), array([0.          , 1.          , 0.64493716, 0.718
0.7914922 , 0.6402926 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987417 , 0.3099358 , 0.24397159,
0.44987077, 0.8631921 ], dtype=float32), array([0.          , 1.          , 0.9980495 , 0.053
0.22212812, 0.9519056 ], dtype=float32), array([0.          , 1.          , 0.99588495, 0.527
0.6733521 , 0.80730575], dtype=float32), array([0.          , 1.          , 0.99388945, 0.667
0.78008413, 0.76538265], dtype=float32), array([0.          , 1.          , 0.9561367, 0.796644
0.6748576], dtype=float32), array([0.          , 1.          , 0.8039979 , 0.90132195, 0.2478
0.9584444 , 0.53580946], dtype=float32), array([0.          , 1.          , 0.65204155, 0.717
0.7919395 , 0.6409071 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998511 , 0.31020635, 0.24408215,
0.4499734 , 0.8670581 ], dtype=float32), array([0.          , 1.          , 0.9980451 , 0.053
0.22209758, 0.9554452 ], dtype=float32), array([0.          , 1.          , 0.9965771 , 0.526
0.67447686, 0.8058561 ], dtype=float32), array([0.          , 1.          , 0.9924199 , 0.667
0.77922994, 0.76386917], dtype=float32), array([0.          , 1.          , 0.94813937, 0.796
0.9213613 , 0.6726356 ], dtype=float32), array([0.          , 1.          , 0.80536014, 0.901
0.9583316 , 0.5362695 ], dtype=float32), array([0.          , 1.          , 0.65603274, 0.717
0.7913164 , 0.64325464], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.9984849 , 0.3102824 , 0.24390846,
        0.45040184, 0.8689646 ], dtype=float32), array([0.          , 1.          , 0.99792284, 0.052
        0.22261697, 0.95468295], dtype=float32), array([0.          , 1.          , 0.9969355 , 0.519
        0.6736634 , 0.8083335 ], dtype=float32), array([0.          , 1.          , 0.99206686, 0.667
        0.77870196, 0.7632233 ], dtype=float32), array([0.          , 1.          , 0.9508925 , 0.797
        0.9213096 , 0.6723732 ], dtype=float32), array([0.          , 1.          , 0.7532466 , 0.901
        0.95729244, 0.5347247 ], dtype=float32), array([0.          , 1.          , 0.69816256, 0.717
        0.79071176, 0.6415549 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99849665, 0.31048024, 0.24429852,
        0.45014858, 0.86966866], dtype=float32), array([0.          , 1.          , 0.9979511 , 0.050
        0.22296667, 0.95361876], dtype=float32), array([0.          , 1.          , 0.99788266, 0.514
        0.6733196 , 0.81241924], dtype=float32), array([0.          , 1.          , 0.9918282 , 0.667
        0.7784766 , 0.7635428 ], dtype=float32), array([0.          , 1.          , 0.94871056, 0.797
        0.9214453 , 0.67205846], dtype=float32), array([0.          , 1.          , 0.7717073 , 0.901
        0.95740676, 0.53443545], dtype=float32), array([0.          , 1.          , 0.6657842 , 0.718
        0.7907212 , 0.6418334 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99852186, 0.31043494, 0.24424642,
        0.45073384, 0.8691115 ], dtype=float32), array([0.          , 1.          , 0.9978714 , 0.048
        0.22786406, 0.9661946 ], dtype=float32), array([0.          , 1.          , 0.99685127, 0.513
        0.67252094, 0.80824375], dtype=float32), array([0.          , 1.          , 0.9926097 , 0.667
        0.7788662 , 0.76538575], dtype=float32), array([0.          , 1.          , 0.9505828 , 0.796
        0.9215095 , 0.673291 ], dtype=float32), array([0.          , 1.          , 0.7226767 , 0.901
        0.9582869 , 0.53571105], dtype=float32), array([0.          , 1.          , 0.6624461 , 0.718
        0.7912419 , 0.6435346 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99846387, 0.3101222 , 0.2441526 ,
        0.45102072, 0.87005204], dtype=float32), array([0.          , 1.          , 0.9979913 , 0.046
        0.22810218, 0.96696734], dtype=float32), array([0.          , 1.          , 0.9970927 , 0.506
        0.66911006, 0.8197962 ], dtype=float32), array([0.          , 1.          , 0.99261934, 0.667
        0.77864546, 0.7636874 ], dtype=float32), array([0.          , 1.          , 0.95144016, 0.797
        0.9212929 , 0.67373896], dtype=float32), array([0.          , 1.          , 0.7088399 , 0.719
        0.79177886, 0.64105284], dtype=float32)]
```

Total People in frame = 6

```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99847466, 0.31002754, 0.2440339 ,
        0.45163596, 0.87026095], dtype=float32), array([0.          , 1.          , 0.9981279 , 0.045
        0.22847736, 0.9659629 ], dtype=float32), array([0.          , 1.          , 0.99739647, 0.505
        0.6707057 , 0.8186217 ], dtype=float32), array([0.          , 1.          , 0.99277484, 0.667
        0.7790793 , 0.7669775 ], dtype=float32), array([0.          , 1.          , 0.96354574, 0.797
        0.9206081 , 0.6747575 ], dtype=float32), array([0.          , 1.          , 0.7995382 , 0.902
        0.95523167, 0.53069645], dtype=float32), array([0.          , 1.          , 0.6797672 , 0.720
        0.7925664 , 0.6415102 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99844307, 0.30991402, 0.24430078,
        0.45190427, 0.8678531 ], dtype=float32), array([0.          , 1.          , 0.99809974, 0.045
        0.22854   , 0.9665923 ], dtype=float32), array([0.          , 1.          , 0.9972777 , 0.504
        0.6710442 , 0.8186275 ], dtype=float32), array([0.          , 1.          , 0.99256563, 0.667
        0.77861005, 0.76648355], dtype=float32), array([0.          , 1.          , 0.9609894 , 0.797
        0.92089957, 0.67459375], dtype=float32), array([0.          , 1.          , 0.8068396 , 0.901
        0.95474994, 0.5312637 ], dtype=float32), array([0.          , 1.          , 0.6860926 , 0.720
        0.7920453 , 0.6382077 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982734 , 0.31020883, 0.2449626 ,
        0.45153835, 0.8676076 ], dtype=float32), array([0.          , 1.          , 0.9980894 , 0.044
        0.22861537, 0.96571183], dtype=float32), array([0.          , 1.          , 0.99705696, 0.506
        0.6747114 , 0.814268  ], dtype=float32), array([0.          , 1.          , 0.9925718 , 0.666
        0.7791716 , 0.76866615], dtype=float32), array([0.          , 1.          , 0.96267617, 0.797
        0.920586  , 0.67516273], dtype=float32), array([0.          , 1.          , 0.79422426, 0.901
        0.954134  , 0.5285258 ], dtype=float32), array([0.          , 1.          , 0.70916396, 0.741
        0.80276793, 0.6000403 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99830556, 0.31044185, 0.25689796,
        0.45369983, 0.8653736 ], dtype=float32), array([0.          , 1.          , 0.99810094, 0.044
        0.22876951, 0.96522653], dtype=float32), array([0.          , 1.          , 0.99667287, 0.504
        0.67537624, 0.81545395], dtype=float32), array([0.          , 1.          , 0.9926449 , 0.666
        0.78012717, 0.7681442 ], dtype=float32), array([0.          , 1.          , 0.9513983 , 0.793

```



```

0.92073536, 0.67596006], dtype=float32), array([0.          , 1.          , 0.73343486, 0.901
0.9543981 , 0.52703035], dtype=float32), array([0.          , 1.          , 0.679553  , 0.740
0.8043735 , 0.5989764 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99832433, 0.31135875, 0.25655848,
0.4532969 , 0.86571723], dtype=float32), array([0.          , 1.          , 0.99806684, 0.045
0.22851682, 0.96600115], dtype=float32), array([0.          , 1.          , 0.9965528 , 0.504
0.6749145 , 0.8142654 ], dtype=float32), array([0.          , 1.          , 0.993206  , 0.666
0.7801041 , 0.76754916], dtype=float32), array([0.          , 1.          , 0.95526403, 0.793
0.9209176 , 0.6759662 ], dtype=float32), array([0.          , 1.          , 0.6961263 , 0.740
0.80430526, 0.5985912 ], dtype=float32), array([0.          , 1.          , 0.69528407, 0.902
0.95639884, 0.5307883 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982461 , 0.31174928, 0.25575566,
0.45302808, 0.86706805], dtype=float32), array([0.          , 1.          , 0.99783903, 0.046
0.22808027, 0.9677134 ], dtype=float32), array([0.          , 1.          , 0.9967344 , 0.507
0.67798376, 0.8135483 ], dtype=float32), array([0.          , 1.          , 0.99189985, 0.666
0.7803811 , 0.76797634], dtype=float32), array([0.          , 1.          , 0.94521487, 0.793
0.9209691 , 0.6758434 ], dtype=float32), array([0.          , 1.          , 0.6939614 , 0.738
0.8032661 , 0.5985605 ], dtype=float32), array([0.          , 1.          , 0.68492836, 0.901
0.9572158 , 0.53059214], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982632 , 0.31172302, 0.25543144,
0.45321283, 0.8643367 ], dtype=float32), array([0.          , 1.          , 0.99784243, 0.046
0.22811535, 0.9681773 ], dtype=float32), array([0.          , 1.          , 0.9970511 , 0.514
0.67957383, 0.8117707 ], dtype=float32), array([0.          , 1.          , 0.9921449 , 0.667
0.78119385, 0.7688762 ], dtype=float32), array([0.          , 1.          , 0.9438014 , 0.792
0.9214378 , 0.675467  ], dtype=float32), array([0.          , 1.          , 0.7134598 , 0.737
0.80339396, 0.5980308 ], dtype=float32), array([0.          , 1.          , 0.7014455 , 0.902
0.95766824, 0.53136  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981773 , 0.3124791 , 0.25529337,

```

```

0.45272347, 0.8668901 ], dtype=float32), array([0.          , 1.          , 0.99781823, 0.046
0.22800815, 0.968812  ], dtype=float32), array([0.          , 1.          , 0.99761486, 0.514
0.6803887 , 0.81043833], dtype=float32), array([0.          , 1.          , 0.9920257 , 0.667
0.78199506, 0.7689654 ], dtype=float32), array([0.          , 1.          , 0.94017756, 0.792
0.9211128 , 0.67586344], dtype=float32), array([0.          , 1.          , 0.6937909 , 0.736
0.8024066 , 0.59688693], dtype=float32), array([0.          , 1.          , 0.69207597, 0.903
0.95888996, 0.53241307], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99818194, 0.3132488 , 0.255556 ,
0.45181918, 0.8661897 ], dtype=float32), array([0.          , 1.          , 0.9978765 , 0.045
0.2283466 , 0.969753  ], dtype=float32), array([0.          , 1.          , 0.9973871 , 0.513
0.6809741 , 0.8104671 ], dtype=float32), array([0.          , 1.          , 0.99115026, 0.669
0.78384495, 0.76736724], dtype=float32), array([0.          , 1.          , 0.94456065, 0.791
0.9211267 , 0.6757692 ], dtype=float32), array([0.          , 1.          , 0.772697 , 0.737
0.8043349 , 0.59746766], dtype=float32), array([0.          , 1.          , 0.71809834, 0.903
0.9598585 , 0.53175986], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99813473, 0.04454742, 0.26330763,
0.22869195, 0.96672577], dtype=float32), array([0.          , 1.          , 0.9980432 , 0.313
0.4515776 , 0.86794704], dtype=float32), array([0.          , 1.          , 0.99733233, 0.512
0.6809279 , 0.8118634 ], dtype=float32), array([0.          , 1.          , 0.9911015 , 0.669
0.78420407, 0.76680505], dtype=float32), array([0.          , 1.          , 0.9437857 , 0.792
0.9203193 , 0.675786  ], dtype=float32), array([0.          , 1.          , 0.7654059 , 0.736
0.80382174, 0.5993343 ], dtype=float32), array([0.          , 1.          , 0.6813932 , 0.903
0.95943415, 0.53413606], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982414 , 0.04310873, 0.26496422,
0.2287018 , 0.96626997], dtype=float32), array([0.          , 1.          , 0.9981851 , 0.314
0.45087877, 0.86900365], dtype=float32), array([0.          , 1.          , 0.99727386, 0.509
0.6815654 , 0.8125874 ], dtype=float32), array([0.          , 1.          , 0.9911477 , 0.668
0.7852208 , 0.76850206], dtype=float32), array([0.          , 1.          , 0.9534904 , 0.794
0.919971 , 0.67616373], dtype=float32), array([0.          , 1.          , 0.77382666, 0.739
0.8047481 , 0.59601945], dtype=float32), array([0.          , 1.          , 0.6926457 , 0.903
0.9593098 , 0.5335883 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99816304, 0.31579688, 0.25530958,
        0.45041177, 0.86646795], dtype=float32), array([0.          , 1.          , 0.9981548 , 0.043
        0.2289367 , 0.9672066 ], dtype=float32), array([0.          , 1.          , 0.9969382 , 0.509
        0.6814426 , 0.8116853 ], dtype=float32), array([0.          , 1.          , 0.99116   , 0.668
        0.7843796 , 0.76907045], dtype=float32), array([0.          , 1.          , 0.9567296 , 0.796
        0.919792  , 0.6745154 ], dtype=float32), array([0.          , 1.          , 0.7270942 , 0.741
        0.8049798 , 0.59874   ], dtype=float32), array([0.          , 1.          , 0.65627474, 0.903
        0.9594551 , 0.5355202 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982986 , 0.04345211, 0.2671716 ,
        0.22891727, 0.96639526], dtype=float32), array([0.          , 1.          , 0.99816066, 0.317
        0.4495625 , 0.8668008 ], dtype=float32), array([0.          , 1.          , 0.9971142 , 0.507
        0.6799639 , 0.81456804], dtype=float32), array([0.          , 1.          , 0.9916574 , 0.668
        0.7853673 , 0.76970804], dtype=float32), array([0.          , 1.          , 0.9581514 , 0.796
        0.91985077, 0.6755232 ], dtype=float32), array([0.          , 1.          , 0.71153283, 0.903
        0.95930403, 0.53363097], dtype=float32), array([0.          , 1.          , 0.69325626, 0.742
        0.8053034 , 0.59670526], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981263 , 0.04399083, 0.2666858 ,
        0.228766  , 0.9675971 ], dtype=float32), array([0.          , 1.          , 0.9980636 , 0.316
        0.45031476, 0.8669585 ], dtype=float32), array([0.          , 1.          , 0.99734604, 0.508
        0.6785887 , 0.8123325 ], dtype=float32), array([0.          , 1.          , 0.99253196, 0.667
        0.7860794 , 0.7725836 ], dtype=float32), array([0.          , 1.          , 0.9556839 , 0.796
        0.91983414, 0.67555326], dtype=float32), array([0.          , 1.          , 0.6863104 , 0.903
        0.9591703 , 0.535776  ], dtype=float32), array([0.          , 1.          , 0.6343674 , 0.739
        0.8029694 , 0.5958029 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99818075, 0.04409129, 0.26764473,
        0.22884789, 0.96793187], dtype=float32), array([0.          , 1.          , 0.9979557 , 0.316
        0.4498509 , 0.8646904 ], dtype=float32), array([0.          , 1.          , 0.9977343 , 0.508
        0.67659533, 0.81156915], dtype=float32), array([0.          , 1.          , 0.9934341 , 0.668
        0.78798556, 0.7740507 ], dtype=float32), array([0.          , 1.          , 0.9555465 , 0.795
        0.9199917 , 0.67488533], dtype=float32), array([0.          , 1.          , 0.74009365, 0.743
```

```

        0.80567884, 0.58973974], dtype=float32), array([0.          , 1.          , 0.6891285 , 0.902
        0.95972896, 0.53345567], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981298 , 0.04416493, 0.26787618,
        0.22873887, 0.96704423], dtype=float32), array([0.          , 1.          , 0.9980909 , 0.316
        0.45005882, 0.8663801 ], dtype=float32), array([0.          , 1.          , 0.997804 , 0.504
        0.67507416, 0.8127005 ], dtype=float32), array([0.          , 1.          , 0.99468464, 0.668
        0.7890861 , 0.7749255 ], dtype=float32), array([0.          , 1.          , 0.9485486 , 0.793
        0.92044365, 0.67544997], dtype=float32), array([0.          , 1.          , 0.6420403 , 0.902
        0.96035457, 0.53586304], dtype=float32), array([0.          , 1.          , 0.6309897 , 0.743431
        0.5877813], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983241 , 0.31779143, 0.25675014,
        0.45036152, 0.8647826 ], dtype=float32), array([0.          , 1.          , 0.9981705 , 0.044
        0.22856757, 0.9675909 ], dtype=float32), array([0.          , 1.          , 0.9978186 , 0.500
        0.67331284, 0.8131906 ], dtype=float32), array([0.          , 1.          , 0.9955519 , 0.666269
        0.7743832], dtype=float32), array([0.          , 1.          , 0.94218624, 0.7930572 , 0.2554
        0.9209682 , 0.674284 ], dtype=float32), array([0.          , 1.          , 0.647226 , 0.902
        0.95934516, 0.5319152 ], dtype=float32), array([0.          , 1.          , 0.61600226, 0.629
        0.6466466 , 0.30020726], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99824214, 0.3183468 , 0.25630468,
        0.4503824 , 0.8647726 ], dtype=float32), array([0.          , 1.          , 0.99807787, 0.044
        0.22837438, 0.9674032 ], dtype=float32), array([0.          , 1.          , 0.9978981 , 0.500
        0.6720553 , 0.81522626], dtype=float32), array([0.          , 1.          , 0.99478614, 0.665
        0.78708404, 0.77296925], dtype=float32), array([0.          , 1.          , 0.94314873, 0.793
        0.92066425, 0.67503786], dtype=float32), array([0.          , 1.          , 0.6584427 , 0.745
        0.8041863 , 0.58748794], dtype=float32), array([0.          , 1.          , 0.605344 , 0.900
        0.95834947, 0.5294955 ], dtype=float32), array([0.          , 1.          , 0.60493445, 0.630
        0.64722544, 0.30065775], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982072 , 0.31862292, 0.25761855,

```

```

0.44986734, 0.86461186], dtype=float32), array([0.          , 1.          , 0.9980568 , 0.044
0.2283726 , 0.9670515 ], dtype=float32), array([0.          , 1.          , 0.997985  , 0.501
0.6716647 , 0.8151588 ], dtype=float32), array([0.          , 1.          , 0.99417263, 0.664
0.7859721 , 0.7714838 ], dtype=float32), array([0.          , 1.          , 0.9498011 , 0.793
0.92074776, 0.67601526], dtype=float32), array([0.          , 1.          , 0.69547564, 0.744
0.8032372 , 0.59455174], dtype=float32), array([0.          , 1.          , 0.6245237 , 0.919
0.98815215, 0.5576793 ], dtype=float32), array([0.          , 1.          , 0.62323093, 0.629
0.64649117, 0.30098945], dtype=float32), array([0.          , 1.          , 0.6169622 , 0.901
0.95995593, 0.53178835], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99823207, 0.31898865, 0.25752103,
0.44963315, 0.86095667], dtype=float32), array([0.          , 1.          , 0.9980142 , 0.044
0.22814219, 0.96743774], dtype=float32), array([0.          , 1.          , 0.99754673, 0.498
0.6703964 , 0.81186724], dtype=float32), array([0.          , 1.          , 0.9926388 , 0.665
0.7847845 , 0.76986253], dtype=float32), array([0.          , 1.          , 0.94726986, 0.792
0.92038244, 0.67739177], dtype=float32), array([0.          , 1.          , 0.84760445, 0.746
0.80574316, 0.59591424], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985411 , 0.31865025, 0.25658718,
0.4507774 , 0.8623501 ], dtype=float32), array([0.          , 1.          , 0.9981179 , 0.044
0.22837844, 0.96624005], dtype=float32), array([0.          , 1.          , 0.99795735, 0.505
0.6709873 , 0.81397974], dtype=float32), array([0.          , 1.          , 0.99308795, 0.666
0.7855066 , 0.7711749 ], dtype=float32), array([0.          , 1.          , 0.9485081 , 0.792
0.9201337 , 0.6764268 ], dtype=float32), array([0.          , 1.          , 0.8736274 , 0.747
0.80686927, 0.5923657 ], dtype=float32), array([0.          , 1.          , 0.6695361 , 0.629
0.6462579 , 0.301251  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984913 , 0.3190844 , 0.2546772 ,
0.45047796, 0.863528  ], dtype=float32), array([0.          , 1.          , 0.9981035 , 0.044
0.22835442, 0.9662582 ], dtype=float32), array([0.          , 1.          , 0.99801505, 0.509
0.6718233 , 0.8145749 ], dtype=float32), array([0.          , 1.          , 0.9926884 , 0.665
0.78436756, 0.77145827], dtype=float32), array([0.          , 1.          , 0.95426667, 0.794
0.9199263 , 0.6769687 ], dtype=float32), array([0.          , 1.          , 0.92173034, 0.749
0.8096443 , 0.5899725 ], dtype=float32), array([0.          , 1.          , 0.62537247, 0.629
0.64649874, 0.30131117], dtype=float32)]
Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99858654, 0.31882554, 0.25472888,
        0.4512825 , 0.86131847], dtype=float32), array([0.          , 1.          , 0.9983358 , 0.513
        0.6713197 , 0.8169207 ], dtype=float32), array([0.          , 1.          , 0.9981785 , 0.044
        0.22875771, 0.9670409 ], dtype=float32), array([0.          , 1.          , 0.99266243, 0.664
        0.78415966, 0.77295613], dtype=float32), array([0.          , 1.          , 0.9597485 , 0.796
        0.91947865, 0.6753888 ], dtype=float32), array([0.          , 1.          , 0.900694 , 0.748
        0.811272 , 0.5945519 ], dtype=float32), array([0.          , 1.          , 0.6642569 , 0.629
        0.64584684, 0.30139375], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9986688 , 0.5229253 , 0.21988729,
        0.6726883 , 0.8151314 ], dtype=float32), array([0.          , 1.          , 0.99863344, 0.318
        0.45277148, 0.8613059 ], dtype=float32), array([0.          , 1.          , 0.998095 , 0.044
        0.22836147, 0.9672152 ], dtype=float32), array([0.          , 1.          , 0.99179405, 0.664
        0.78319144, 0.77247036], dtype=float32), array([0.          , 1.          , 0.9663187 , 0.798
        0.91950977, 0.6745613 ], dtype=float32), array([0.          , 1.          , 0.91996485, 0.751
        0.8103029 , 0.58946514], dtype=float32), array([0.          , 1.          , 0.67065614, 0.914
        0.992131 , 0.55779266], dtype=float32), array([0.          , 1.          , 0.66911507, 0.629
        0.64607567, 0.30087587], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985662 , 0.3188272 , 0.25502315,
        0.45215064, 0.8609346 ], dtype=float32), array([0.          , 1.          , 0.9984836 , 0.526
        0.67288685, 0.81169635], dtype=float32), array([0.          , 1.          , 0.9981534 , 0.044
        0.22840336, 0.96482253], dtype=float32), array([0.          , 1.          , 0.99140185, 0.663
        0.7830784 , 0.7722508 ], dtype=float32), array([0.          , 1.          , 0.9661895 , 0.798
        0.91966766, 0.674611 ], dtype=float32), array([0.          , 1.          , 0.917388 , 0.751
        0.80952513, 0.5906812 ], dtype=float32), array([0.          , 1.          , 0.73309356, 0.915
        0.99165833, 0.5592588 ], dtype=float32), array([0.          , 1.          , 0.71671474, 0.629
        0.6457152 , 0.3010963 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99859565, 0.31890932, 0.25531417,
        0.45219335, 0.86122435], dtype=float32), array([0.          , 1.          , 0.99840385, 0.531
        0.6721422 , 0.80950856], dtype=float32), array([0.          , 1.          , 0.9981102 , 0.044
```

```

0.22844422, 0.9656067 ], dtype=float32), array([0.          , 1.          , 0.9915521 , 0.663
0.78284705, 0.7734694 ], dtype=float32), array([0.          , 1.          , 0.96702766, 0.799
0.92014605, 0.67412186], dtype=float32), array([0.          , 1.          , 0.9069739 , 0.747
0.81065917, 0.5989514 ], dtype=float32), array([0.          , 1.          , 0.791878 , 0.914
0.993278 , 0.55931973], dtype=float32), array([0.          , 1.          , 0.65637004, 0.629
0.6460148 , 0.30032972], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998495 , 0.3160845 , 0.25502643,
0.4528619 , 0.86000884], dtype=float32), array([0.          , 1.          , 0.9980476 , 0.044
0.22815874, 0.96528447], dtype=float32), array([0.          , 1.          , 0.99747294, 0.533
0.67276275, 0.8092363 ], dtype=float32), array([0.          , 1.          , 0.99022025, 0.663
0.7819855 , 0.7741177 ], dtype=float32), array([0.          , 1.          , 0.9688186 , 0.799
0.9201499 , 0.67525434], dtype=float32), array([0.          , 1.          , 0.90343803, 0.748
0.81072795, 0.5976027 ], dtype=float32), array([0.          , 1.          , 0.7859157 , 0.915
0.99257743, 0.5587831 ], dtype=float32), array([0.          , 1.          , 0.6811388 , 0.629
0.64550376, 0.3015662 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99811745, 0.31512812, 0.25517088,
0.45151058, 0.86050767], dtype=float32), array([0.          , 1.          , 0.99794024, 0.044
0.2279608 , 0.966125 ], dtype=float32), array([0.          , 1.          , 0.9969649 , 0.535
0.6729515 , 0.80982065], dtype=float32), array([0.          , 1.          , 0.9903447 , 0.663
0.7817553 , 0.7721627 ], dtype=float32), array([0.          , 1.          , 0.96552247, 0.798
0.9202278 , 0.67534465], dtype=float32), array([0.          , 1.          , 0.9111053 , 0.744
0.80897665, 0.60153025], dtype=float32), array([0.          , 1.          , 0.6859583 , 0.915
0.9905703 , 0.5591619 ], dtype=float32), array([0.          , 1.          , 0.6592262 , 0.629
0.64572763, 0.300596 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983771 , 0.31059638, 0.24422067,
0.44895437, 0.8612086 ], dtype=float32), array([0.          , 1.          , 0.99800736, 0.044
0.22818133, 0.965327 ], dtype=float32), array([0.          , 1.          , 0.99725336, 0.535
0.67278427, 0.81175935], dtype=float32), array([0.          , 1.          , 0.9901349 , 0.664
0.78175074, 0.7708962 ], dtype=float32), array([0.          , 1.          , 0.9662467 , 0.798
0.9204341 , 0.6750272 ], dtype=float32), array([0.          , 1.          , 0.89799964, 0.744
0.80830044, 0.6004437 ], dtype=float32), array([0.          , 1.          , 0.688331 , 0.917
0.9902267 , 0.55821854], dtype=float32), array([0.          , 1.          , 0.66616523, 0.629
0.6453079 , 0.30107674], dtype=float32), array([0.          , 1.          , 0.63682044, 0.900

```

```

    0.96003914, 0.53304946], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985322 , 0.3105184 , 0.24513063,
        0.44759062, 0.86170614], dtype=float32), array([0.          , 1.          , 0.9979284 , 0.044
        0.2280772 , 0.9663945 ], dtype=float32), array([0.          , 1.          , 0.99742585, 0.535
        0.6727333 , 0.8122159 ], dtype=float32), array([0.          , 1.          , 0.99043876, 0.664
        0.7804512 , 0.7707616 ], dtype=float32), array([0.          , 1.          , 0.9633174 , 0.798
        0.9207891 , 0.67409694], dtype=float32), array([0.          , 1.          , 0.87362236, 0.742
        0.80661696, 0.6002373 ], dtype=float32), array([0.          , 1.          , 0.66271985, 0.900
        0.9593683 , 0.53275853], dtype=float32), array([0.          , 1.          , 0.6497899 , 0.629
        0.64592063, 0.30101547], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99854505, 0.31085834, 0.24519104,
        0.44733188, 0.8621195 ], dtype=float32), array([0.          , 1.          , 0.99807525, 0.044
        0.22802857, 0.96725106], dtype=float32), array([0.          , 1.          , 0.99783653, 0.534
        0.6729514 , 0.8133013 ], dtype=float32), array([0.          , 1.          , 0.9910535 , 0.665
        0.7802163 , 0.7710833 ], dtype=float32), array([0.          , 1.          , 0.96199226, 0.797
        0.9210686 , 0.6742995 ], dtype=float32), array([0.          , 1.          , 0.8914261 , 0.742
        0.8063043 , 0.5971693 ], dtype=float32), array([0.          , 1.          , 0.70036066, 0.901
        0.9592467 , 0.53270525], dtype=float32), array([0.          , 1.          , 0.6956084 , 0.936
        0.98083067, 0.3734889 ], dtype=float32), array([0.          , 1.          , 0.6931683 , 0.629
        0.6453418 , 0.3015689 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985026 , 0.3111174 , 0.24580097,
        0.44711506, 0.861815 ], dtype=float32), array([0.          , 1.          , 0.998094 , 0.043
        0.22807467, 0.9676323 ], dtype=float32), array([0.          , 1.          , 0.99794453, 0.534
        0.6729276 , 0.8131171 ], dtype=float32), array([0.          , 1.          , 0.99041486, 0.664
        0.7797401 , 0.7683685 ], dtype=float32), array([0.          , 1.          , 0.96002895, 0.797
        0.92056155, 0.67291397], dtype=float32), array([0.          , 1.          , 0.8796239 , 0.740
        0.8062132 , 0.5984632 ], dtype=float32), array([0.          , 1.          , 0.7433944 , 0.901
        0.95850974, 0.5317615 ], dtype=float32), array([0.          , 1.          , 0.69301456, 0.629
        0.6460213 , 0.3014724 ], dtype=float32), array([0.          , 1.          , 0.6824549 , 0.935
        0.9811753 , 0.3725378 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1

```



2 2

Running Inference

```
[array([0.          , 1.          , 0.9985318 , 0.31133172, 0.24484241,
        0.4462935 , 0.8633678 ], dtype=float32), array([0.          , 1.          , 0.99811953, 0.044
        0.22794428, 0.96785533], dtype=float32), array([0.          , 1.          , 0.9979043 , 0.534
        0.673688 , 0.8108451 ], dtype=float32), array([0.          , 1.          , 0.9911321 , 0.664
        0.77936906, 0.7680352 ], dtype=float32), array([0.          , 1.          , 0.96153486, 0.798
        0.9205899 , 0.67319846], dtype=float32), array([0.          , 1.          , 0.85532457, 0.739
        0.804927 , 0.598862  ], dtype=float32), array([0.          , 1.          , 0.79629976, 0.902
        0.95810056, 0.53012466], dtype=float32), array([0.          , 1.          , 0.7312106 , 0.936
        0.98102456, 0.37413567], dtype=float32), array([0.          , 1.          , 0.66862184, 0.629
        0.64586973, 0.30159754], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985833 , 0.31148517, 0.24450484,
        0.44600773, 0.861727  ], dtype=float32), array([0.          , 1.          , 0.9981268 , 0.043
        0.2279213 , 0.96704626], dtype=float32), array([0.          , 1.          , 0.99774665, 0.533
        0.67343235, 0.8088414 ], dtype=float32), array([0.          , 1.          , 0.9914192 , 0.665
        0.77898455, 0.769191  ], dtype=float32), array([0.          , 1.          , 0.9603885 , 0.797
        0.9203605 , 0.6722357 ], dtype=float32), array([0.          , 1.          , 0.84389406, 0.740
        0.80479515, 0.5970111 ], dtype=float32), array([0.          , 1.          , 0.7989036 , 0.901
        0.9577496 , 0.53126323], dtype=float32), array([0.          , 1.          , 0.6908945 , 0.936
        0.981297 , 0.37232384], dtype=float32), array([0.          , 1.          , 0.6286312 , 0.630
        0.64653474, 0.3011489 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985777 , 0.31145933, 0.24423262,
        0.4458113 , 0.8613899 ], dtype=float32), array([0.          , 1.          , 0.998161 , 0.044
        0.2281857 , 0.9659327 ], dtype=float32), array([0.          , 1.          , 0.9973621 , 0.533
        0.67247814, 0.80858916], dtype=float32), array([0.          , 1.          , 0.9911618 , 0.666
        0.77926934, 0.7673869 ], dtype=float32), array([0.          , 1.          , 0.95895475, 0.797
        0.9207649 , 0.67346597], dtype=float32), array([0.          , 1.          , 0.831312 , 0.901
        0.9580874 , 0.5302998 ], dtype=float32), array([0.          , 1.          , 0.80794686, 0.738
        0.8040731 , 0.59869623], dtype=float32), array([0.          , 1.          , 0.72102433, 0.936
        0.98174185, 0.3742945 ], dtype=float32), array([0.          , 1.          , 0.6171903 , 0.630
        0.6464181 , 0.3013152 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99862826, 0.31131595, 0.24414235,
```

```

0.44607276, 0.861064 ], dtype=float32), array([0.          , 1.          , 0.99819916, 0.044
0.22820108, 0.96571386], dtype=float32), array([0.          , 1.          , 0.99718827, 0.533
0.67214966, 0.80861133], dtype=float32), array([0.          , 1.          , 0.99134153, 0.665
0.7794278 , 0.76768756], dtype=float32), array([0.          , 1.          , 0.9558898 , 0.796
0.9207086 , 0.67193604], dtype=float32), array([0.          , 1.          , 0.8095446 , 0.737
0.80307263, 0.5976133 ], dtype=float32), array([0.          , 1.          , 0.8093468 , 0.901036
0.531376 ], dtype=float32), array([0.          , 1.          , 0.69818723, 0.93632025, 0.1897
0.98118   , 0.3730732 ], dtype=float32), array([0.          , 1.          , 0.6020049 , 0.630
0.6466343 , 0.30154204], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9987055 , 0.31118697, 0.24451926,
0.4463203 , 0.8587043 ], dtype=float32), array([0.          , 1.          , 0.9981621 , 0.044
0.22797823, 0.9636718 ], dtype=float32), array([0.          , 1.          , 0.9972709 , 0.533
0.6719941 , 0.8093644 ], dtype=float32), array([0.          , 1.          , 0.99151015, 0.665
0.7790092 , 0.7683156 ], dtype=float32), array([0.          , 1.          , 0.95947146, 0.798
0.920468 , 0.6729555 ], dtype=float32), array([0.          , 1.          , 0.8231914 , 0.901
0.9558666 , 0.52756584], dtype=float32), array([0.          , 1.          , 0.79099697, 0.737
0.80346215, 0.5978096 ], dtype=float32), array([0.          , 1.          , 0.6780873 , 0.935
0.9809966 , 0.37532562], dtype=float32), array([0.          , 1.          , 0.6270067 , 0.630
0.64642304, 0.30138212], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99866724, 0.31109124, 0.24443206,
0.44592756, 0.8585192 ], dtype=float32), array([0.          , 1.          , 0.9981394 , 0.044
0.22798458, 0.96559215], dtype=float32), array([0.          , 1.          , 0.99702173, 0.532
0.6715121 , 0.8102324 ], dtype=float32), array([0.          , 1.          , 0.9920887 , 0.665
0.7779292 , 0.7686008 ], dtype=float32), array([0.          , 1.          , 0.951304 , 0.796
0.92016494, 0.6717804 ], dtype=float32), array([0.          , 1.          , 0.79297465, 0.900
0.9548283 , 0.52773213], dtype=float32), array([0.          , 1.          , 0.72487324, 0.935
0.9809129 , 0.37405777], dtype=float32), array([0.          , 1.          , 0.70443463, 0.735
0.801211 , 0.60038584], dtype=float32), array([0.          , 1.          , 0.6106936 , 0.630
0.646763 , 0.30115652], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9987048 , 0.31097272, 0.24414045,
0.44632694, 0.8593535 ], dtype=float32), array([0.          , 1.          , 0.99818796, 0.043
0.22786194, 0.9660572 ], dtype=float32), array([0.          , 1.          , 0.99716103, 0.532
0.6719944 , 0.81165844], dtype=float32), array([0.          , 1.          , 0.99240404, 0.665

```

```

0.77746046, 0.76832896], dtype=float32), array([0.          , 1.          , 0.95636594, 0.797
0.9201337 , 0.67256486], dtype=float32), array([0.          , 1.          , 0.8057973 , 0.901
0.95413095, 0.527019  ], dtype=float32), array([0.          , 1.          , 0.7157649 , 0.719
0.7934224 , 0.64047414], dtype=float32), array([0.          , 1.          , 0.68442434, 0.935
0.9810677 , 0.37509763], dtype=float32), array([0.          , 1.          , 0.6093117 , 0.630
0.6464016 , 0.30133522], dtype=float32), array([0.          , 1.          , 0.6020496 , 0.954
0.9986356 , 0.57578653], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9986511 , 0.31103867, 0.24456406,
0.4465533 , 0.8601682 ], dtype=float32), array([0.          , 1.          , 0.9980617 , 0.043
0.22789448, 0.96665144], dtype=float32), array([0.          , 1.          , 0.99737847, 0.529
0.6715748 , 0.81185794], dtype=float32), array([0.          , 1.          , 0.9929906 , 0.665
0.7773195 , 0.7687675 ], dtype=float32), array([0.          , 1.          , 0.95089656, 0.796
0.920004 , 0.6718254 ], dtype=float32), array([0.          , 1.          , 0.82794005, 0.900
0.9540044 , 0.5272968 ], dtype=float32), array([0.          , 1.          , 0.72664404, 0.935
0.98110884, 0.37514526], dtype=float32), array([0.          , 1.          , 0.71473646, 0.720
0.7938318 , 0.6401  ], dtype=float32), array([0.          , 1.          , 0.6091185 , 0.630
0.64667594, 0.30137038], dtype=float32), array([0.          , 1.          , 0.60025156, 0.954
0.99885553, 0.5748694 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99865663, 0.31105438, 0.24404812,
0.4462931 , 0.8626058 ], dtype=float32), array([0.          , 1.          , 0.9981907 , 0.043
0.22796012, 0.9647283 ], dtype=float32), array([0.          , 1.          , 0.99756706, 0.529
0.6723002 , 0.8113526 ], dtype=float32), array([0.          , 1.          , 0.99344045, 0.665
0.7774014 , 0.7694055 ], dtype=float32), array([0.          , 1.          , 0.9562331 , 0.796
0.92013997, 0.67183536], dtype=float32), array([0.          , 1.          , 0.7881319 , 0.901
0.9537533 , 0.5262003 ], dtype=float32), array([0.          , 1.          , 0.7115031 , 0.934
0.9809914 , 0.37617216], dtype=float32), array([0.          , 1.          , 0.7052417 , 0.735
0.80061483, 0.6018068 ], dtype=float32), array([0.          , 1.          , 0.64929694, 0.629
0.6460175 , 0.30170873], dtype=float32), array([0.          , 1.          , 0.6318957 , 0.955
0.9989086 , 0.5740681 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985989 , 0.3111632 , 0.24420583,
0.44620347, 0.86163104], dtype=float32), array([0.          , 1.          , 0.9982986 , 0.043
0.22830403, 0.96278054], dtype=float32), array([0.          , 1.          , 0.997883 , 0.530
0.67307514, 0.81099665], dtype=float32), array([0.          , 1.          , 0.9936022 , 0.665

```

```

0.77694964, 0.7694465 ], dtype=float32), array([0.          , 1.          , 0.9518547 , 0.796
0.9199035 , 0.67172956], dtype=float32), array([0.          , 1.          , 0.78499186, 0.900
0.9532362 , 0.52734184], dtype=float32), array([0.          , 1.          , 0.70876086, 0.935
0.981063  , 0.37534094], dtype=float32), array([0.          , 1.          , 0.6992237 , 0.720
0.79374784, 0.63840836], dtype=float32), array([0.          , 1.          , 0.652642  , 0.630
0.6461795 , 0.30132058], dtype=float32), array([0.          , 1.          , 0.6323159 , 0.954
0.9989596 , 0.5739895 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998604  , 0.3110028 , 0.24331859,
0.44517577, 0.86155117], dtype=float32), array([0.          , 1.          , 0.99823797, 0.043
0.22806036, 0.9636358 ], dtype=float32), array([0.          , 1.          , 0.9980153 , 0.530
0.6745968 , 0.81162375], dtype=float32), array([0.          , 1.          , 0.992943  , 0.665
0.7766713 , 0.76789147], dtype=float32), array([0.          , 1.          , 0.9563729 , 0.797
0.9199276 , 0.67154694], dtype=float32), array([0.          , 1.          , 0.79141504, 0.901
0.9539071 , 0.5265491 ], dtype=float32), array([0.          , 1.          , 0.730711  , 0.721
0.79368657, 0.6377454 ], dtype=float32), array([0.          , 1.          , 0.70279384, 0.934
0.98108536, 0.3766057 ], dtype=float32), array([0.          , 1.          , 0.694664  , 0.629
0.64575833, 0.3012354 ], dtype=float32), array([0.          , 1.          , 0.64120764, 0.954
0.99868476, 0.5743849 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985441 , 0.3110805 , 0.24330074,
0.44409636, 0.8639093 ], dtype=float32), array([0.          , 1.          , 0.99818295, 0.045
0.22829333, 0.9632256 ], dtype=float32), array([0.          , 1.          , 0.99798155, 0.528
0.6754177 , 0.80976176], dtype=float32), array([0.          , 1.          , 0.99315405, 0.664
0.77653646, 0.7654053 ], dtype=float32), array([0.          , 1.          , 0.95021844, 0.795
0.9200117 , 0.6709728 ], dtype=float32), array([0.          , 1.          , 0.75862986, 0.900
0.95379037, 0.52685654], dtype=float32), array([0.          , 1.          , 0.71912783, 0.718
0.7921191 , 0.64456654], dtype=float32), array([0.          , 1.          , 0.6724613 , 0.630
0.6460098 , 0.30043596], dtype=float32), array([0.          , 1.          , 0.64628553, 0.935
0.9814966 , 0.37527668], dtype=float32), array([0.          , 1.          , 0.6203668 , 0.955
0.99897456, 0.5742571 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99855  , 0.31104025, 0.24352428,
0.44440272, 0.8633182 ], dtype=float32), array([0.          , 1.          , 0.9982529 , 0.527
0.6750704 , 0.81107116], dtype=float32), array([0.          , 1.          , 0.9981604 , 0.046
0.22841534, 0.9628421 ], dtype=float32), array([0.          , 1.          , 0.9932833 , 0.666

```

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0.7769765 , 0.767106 ], dtype=float32), array([0.          , 1.          , 0.9564163 , 0.797
0.9198538 , 0.67169195], dtype=float32), array([0.          , 1.          , 0.7831895 , 0.901
0.95433134, 0.5266558 ], dtype=float32), array([0.          , 1.          , 0.7167978 , 0.719816
0.6432293], dtype=float32), array([0.          , 1.          , 0.7139247 , 0.6294557 , 0.2309
0.6452521 , 0.3007338 ], dtype=float32), array([0.          , 1.          , 0.6619292 , 0.956
0.9992574 , 0.57488936], dtype=float32), array([0.          , 1.          , 0.63231754, 0.935
0.98151803, 0.37589735], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99859494, 0.31119308, 0.24512711,
0.4447783 , 0.864514 ], dtype=float32), array([0.          , 1.          , 0.99826056, 0.527
0.67418534, 0.8117955 ], dtype=float32), array([0.          , 1.          , 0.997979 , 0.047
0.2280482 , 0.96584535], dtype=float32), array([0.          , 1.          , 0.99346536, 0.666
0.77723986, 0.766281 ], dtype=float32), array([0.          , 1.          , 0.9518684 , 0.795
0.9201849 , 0.6716387 ], dtype=float32), array([0.          , 1.          , 0.7653814 , 0.901
0.95506376, 0.5281119 ], dtype=float32), array([0.          , 1.          , 0.65273416, 0.630
0.6459843 , 0.30017275], dtype=float32), array([0.          , 1.          , 0.6466468 , 0.717
0.79284644, 0.64979243], dtype=float32), array([0.          , 1.          , 0.63512844, 0.956
0.9993549 , 0.5771173 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985923 , 0.3114163 , 0.24548641,
0.44524738, 0.8616288 ], dtype=float32), array([0.          , 1.          , 0.9982168 , 0.526
0.6732563 , 0.8121922 ], dtype=float32), array([0.          , 1.          , 0.9975545 , 0.049
0.22713052, 0.9663646 ], dtype=float32), array([0.          , 1.          , 0.99297875, 0.667
0.7761407 , 0.7659619 ], dtype=float32), array([0.          , 1.          , 0.9541245 , 0.795
0.92009807, 0.6717556 ], dtype=float32), array([0.          , 1.          , 0.7289082 , 0.901
0.9547061 , 0.5282583 ], dtype=float32), array([0.          , 1.          , 0.6539029 , 0.718
0.79301554, 0.6505756 ], dtype=float32), array([0.          , 1.          , 0.647735 , 0.630
0.6463982 , 0.3005432 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985661 , 0.31149563, 0.24552801,
0.4451975 , 0.86171603], dtype=float32), array([0.          , 1.          , 0.99820364, 0.525
0.67300373, 0.81105745], dtype=float32), array([0.          , 1.          , 0.99727553, 0.049
0.2269462 , 0.96828526], dtype=float32), array([0.          , 1.          , 0.9922941 , 0.667
0.77627045, 0.76492065], dtype=float32), array([0.          , 1.          , 0.95466036, 0.795
0.92053103, 0.6724303 ], dtype=float32), array([0.          , 1.          , 0.69426155, 0.900
0.95455796, 0.5306913 ], dtype=float32), array([0.          , 1.          , 0.63574666, 0.630

```

```

        0.6459145 , 0.29985166], dtype=float32), array([0.          , 1.          , 0.62621814, 0.718
        0.7932917 , 0.652962  ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998587  , 0.31134176, 0.2463302 ,
        0.44577104, 0.8615101 ], dtype=float32), array([0.          , 1.          , 0.9983197, 0.526378
        0.8082962], dtype=float32), array([0.          , 1.          , 0.9974179 , 0.05187567, 0.2682
        0.22272168, 0.95498526], dtype=float32), array([0.          , 1.          , 0.9929387 , 0.667
        0.7762094 , 0.7657523 ], dtype=float32), array([0.          , 1.          , 0.95509785, 0.796
        0.9206524 , 0.6713549 ], dtype=float32), array([0.          , 1.          , 0.6428355 , 0.900
        0.9546107 , 0.53129196], dtype=float32), array([0.          , 1.          , 0.6247619 , 0.717
        0.79290265, 0.65551645], dtype=float32), array([0.          , 1.          , 0.6167796 , 0.630
        0.6460066 , 0.3002174 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985252 , 0.31113553, 0.24560222,
        0.44660372, 0.86112  ], dtype=float32), array([0.          , 1.          , 0.99825746, 0.525
        0.6741345 , 0.80809826], dtype=float32), array([0.          , 1.          , 0.9975484 , 0.053
        0.22231635, 0.95545065], dtype=float32), array([0.          , 1.          , 0.99326056, 0.667
        0.77528274, 0.7651224 ], dtype=float32), array([0.          , 1.          , 0.95603263, 0.796
        0.9204501 , 0.6724063 ], dtype=float32), array([0.          , 1.          , 0.63043785, 0.717
        0.79220533, 0.65284514], dtype=float32), array([0.          , 1.          , 0.6269661 , 0.630
        0.64599043, 0.3002269 ], dtype=float32), array([0.          , 1.          , 0.6080323 , 0.900
        0.954587  , 0.5322934 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984425 , 0.31116852, 0.24500957,
        0.4461868 , 0.8618202 ], dtype=float32), array([0.          , 1.          , 0.9980981 , 0.526
        0.6734401 , 0.80789137], dtype=float32), array([0.          , 1.          , 0.9976942 , 0.054
        0.22213566, 0.9554387 ], dtype=float32), array([0.          , 1.          , 0.99358046, 0.667
        0.77499866, 0.7657925 ], dtype=float32), array([0.          , 1.          , 0.95619744, 0.796
        0.92042834, 0.6724659 ], dtype=float32), array([0.          , 1.          , 0.68091047, 0.738
        0.80275506, 0.60512155], dtype=float32), array([0.          , 1.          , 0.62358963, 0.630
        0.64622146, 0.30033052], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.9984028 , 0.31132248, 0.24393201,
        0.44700465, 0.8624512 ], dtype=float32), array([0.          , 1.          , 0.99835926, 0.526
        0.6736176 , 0.80840975], dtype=float32), array([0.          , 1.          , 0.9978192 , 0.055
        0.22219771, 0.95582306], dtype=float32), array([0.          , 1.          , 0.993804 , 0.666721
        0.7649267], dtype=float32), array([0.          , 1.          , 0.9564235 , 0.79642075, 0.2559
        0.92040795, 0.6724976 ], dtype=float32), array([0.          , 1.          , 0.71472937, 0.738
        0.8032108 , 0.604301  ], dtype=float32), array([0.          , 1.          , 0.61373466, 0.899
        0.953638 , 0.532768  ], dtype=float32), array([0.          , 1.          , 0.60956573, 0.630
        0.6462868 , 0.30020234], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982638 , 0.5276375 , 0.2203002 ,
        0.6726111 , 0.80824685], dtype=float32), array([0.          , 1.          , 0.998168 , 0.311
        0.44675466, 0.86262774], dtype=float32), array([0.          , 1.          , 0.99781406, 0.055
        0.22223726, 0.9554701 ], dtype=float32), array([0.          , 1.          , 0.99408543, 0.666
        0.7752438 , 0.7660012 ], dtype=float32), array([0.          , 1.          , 0.9586734 , 0.796
        0.92038465, 0.6730335 ], dtype=float32), array([0.          , 1.          , 0.77957875, 0.740
        0.80460703, 0.604573  ], dtype=float32), array([0.          , 1.          , 0.6182674 , 0.630
        0.64625627, 0.30023274], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983512 , 0.5285218 , 0.22057644,
        0.672709 , 0.80788505], dtype=float32), array([0.          , 1.          , 0.9981223 , 0.311
        0.44751513, 0.8636648 ], dtype=float32), array([0.          , 1.          , 0.9975828 , 0.054
        0.22200078, 0.9539362 ], dtype=float32), array([0.          , 1.          , 0.9943327 , 0.666
        0.77484447, 0.76526666], dtype=float32), array([0.          , 1.          , 0.9578786 , 0.796
        0.92031217, 0.6734542 ], dtype=float32), array([0.          , 1.          , 0.81913674, 0.742
        0.8068022 , 0.60356605], dtype=float32), array([0.          , 1.          , 0.6091896 , 0.630
        0.6461634 , 0.30028433], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99836487, 0.5296006 , 0.2208929 ,
        0.6724014 , 0.8076904 ], dtype=float32), array([0.          , 1.          , 0.99793255, 0.311
        0.44664627, 0.8632716 ], dtype=float32), array([0.          , 1.          , 0.9975793 , 0.053
        0.22166976, 0.9526622 ], dtype=float32), array([0.          , 1.          , 0.99446106, 0.666
        0.77467126, 0.76212656], dtype=float32), array([0.          , 1.          , 0.9567997 , 0.796
        0.9204865 , 0.67232865], dtype=float32), array([0.          , 1.          , 0.8129452 , 0.743
        0.8084987 , 0.60279334], dtype=float32)]
```

Total People in frame = 6

```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982816 , 0.5306178 , 0.2212236 ,
        0.6715657 , 0.80937016], dtype=float32), array([0.          , 1.          , 0.9980287 , 0.311
        0.44680882, 0.8639997 ], dtype=float32), array([0.          , 1.          , 0.99764305, 0.052
        0.22174135, 0.9524385 ], dtype=float32), array([0.          , 1.          , 0.9947896 , 0.667
        0.7749907 , 0.76151806], dtype=float32), array([0.          , 1.          , 0.9582892 , 0.796
        0.9204683 , 0.6737833 ], dtype=float32), array([0.          , 1.          , 0.81682485, 0.745
        0.8105107 , 0.6026596 ], dtype=float32), array([0.          , 1.          , 0.6048419 , 0.900
        0.9531695 , 0.5316557 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99828315, 0.31081915, 0.23822984,
        0.44630975, 0.86359906], dtype=float32), array([0.          , 1.          , 0.9980677 , 0.531
        0.67115384, 0.8096825 ], dtype=float32), array([0.          , 1.          , 0.99783427, 0.051
        0.22156814, 0.95092815], dtype=float32), array([0.          , 1.          , 0.9947625 , 0.666
        0.7749586 , 0.7606913 ], dtype=float32), array([0.          , 1.          , 0.9568512 , 0.796
        0.9209995 , 0.6742525 ], dtype=float32), array([0.          , 1.          , 0.8017688 , 0.745
        0.8113012 , 0.6030518 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99801874, 0.3114312 , 0.238152 ,
        0.44597712, 0.86605406], dtype=float32), array([0.          , 1.          , 0.99780995, 0.533
        0.67071205, 0.81037366], dtype=float32), array([0.          , 1.          , 0.9977785 , 0.051
        0.22146416, 0.95106196], dtype=float32), array([0.          , 1.          , 0.9947248 , 0.665
        0.7753073 , 0.7613729 ], dtype=float32), array([0.          , 1.          , 0.9583075 , 0.796
        0.92104214, 0.6730525 ], dtype=float32), array([0.          , 1.          , 0.854519 , 0.745
        0.8108967 , 0.60080165], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980489 , 0.3113943 , 0.23853579,
        0.4461482 , 0.86273205], dtype=float32), array([0.          , 1.          , 0.9978102 , 0.051
        0.22135916, 0.9509369 ], dtype=float32), array([0.          , 1.          , 0.9977315 , 0.534
        0.67110425, 0.8102331 ], dtype=float32), array([0.          , 1.          , 0.9947232 , 0.665
        0.7756277 , 0.7632946 ], dtype=float32), array([0.          , 1.          , 0.9568823 , 0.794
        0.92129564, 0.6748142 ], dtype=float32), array([0.          , 1.          , 0.8950192 , 0.744
        0.8095663 , 0.59654886], dtype=float32)]

```



```

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.997905  , 0.31132865, 0.23818216,
        0.44548047, 0.8630047 ], dtype=float32), array([0.          , 1.          , 0.99768054, 0.050
        0.22128654, 0.9502982 ], dtype=float32), array([0.          , 1.          , 0.9976726  , 0.534
        0.6715269 , 0.8088391 ], dtype=float32), array([0.          , 1.          , 0.9947706  , 0.666
        0.7752376 , 0.7624874 ], dtype=float32), array([0.          , 1.          , 0.958063  , 0.794
        0.92120254, 0.67511916], dtype=float32), array([0.          , 1.          , 0.90608937, 0.745
        0.81048375, 0.595832  ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977325  , 0.5359963 , 0.22166264,
        0.67179716, 0.80846334], dtype=float32), array([0.          , 1.          , 0.9976539  , 0.049
        0.22141846, 0.9497402 ], dtype=float32), array([0.          , 1.          , 0.9975255  , 0.311
        0.44434643, 0.8635685 ], dtype=float32), array([0.          , 1.          , 0.99468404, 0.665
        0.7758544 , 0.7631132 ], dtype=float32), array([0.          , 1.          , 0.9653338  , 0.796567
        0.6765224 ], dtype=float32), array([0.          , 1.          , 0.9405087  , 0.74719036, 0.2309
        0.81342363, 0.5982709 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9976683  , 0.32692868, 0.25162253,
        0.44728827, 0.8591714 ], dtype=float32), array([0.          , 1.          , 0.99764615, 0.532
        0.67180926, 0.8080077 ], dtype=float32), array([0.          , 1.          , 0.99763656, 0.049
        0.22153828, 0.9501342 ], dtype=float32), array([0.          , 1.          , 0.994949  , 0.666
        0.77624553, 0.7639673 ], dtype=float32), array([0.          , 1.          , 0.96457034, 0.796
        0.9207582 , 0.67704856], dtype=float32), array([0.          , 1.          , 0.9537251  , 0.747
        0.81289816, 0.5987356 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99775594, 0.05045825, 0.2670084 ,
        0.22183758, 0.95151746], dtype=float32), array([0.          , 1.          , 0.99768984, 0.525
        0.67284554, 0.8071692 ], dtype=float32), array([0.          , 1.          , 0.9975326  , 0.328
        0.44594464, 0.85947144], dtype=float32), array([0.          , 1.          , 0.99502593, 0.666
        0.77639055, 0.76521003], dtype=float32), array([0.          , 1.          , 0.9567843  , 0.793
        0.92115736, 0.67766947], dtype=float32), array([0.          , 1.          , 0.9558494  , 0.747
        0.8128752 , 0.5983454 ], dtype=float32)]

```

```

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977227 , 0.05028918, 0.26596084,
        0.22177303, 0.95072997], dtype=float32), array([0.          , 1.          , 0.99762017, 0.329
        0.4451861 , 0.8625343 ], dtype=float32), array([0.          , 1.          , 0.9975925 , 0.528
        0.671715 , 0.8077104 ], dtype=float32), array([0.          , 1.          , 0.99487466, 0.667
        0.77636904, 0.7640966 ], dtype=float32), array([0.          , 1.          , 0.96614766, 0.747
        0.8152286 , 0.60047793], dtype=float32), array([0.          , 1.          , 0.952006 , 0.791
        0.92179227, 0.6790775 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977895 , 0.32909417, 0.2528681 ,
        0.44498926, 0.8630682 ], dtype=float32), array([0.          , 1.          , 0.997692 , 0.049
        0.22192512, 0.9512403 ], dtype=float32), array([0.          , 1.          , 0.99695385, 0.533
        0.67124015, 0.8067945 ], dtype=float32), array([0.          , 1.          , 0.9948625 , 0.667
        0.7764826 , 0.76364046], dtype=float32), array([0.          , 1.          , 0.9560233 , 0.746
        0.81605947, 0.60181516], dtype=float32), array([0.          , 1.          , 0.943666 , 0.790
        0.923087 , 0.679223 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99762505, 0.32890716, 0.2527843 ,
        0.44518867, 0.86416847], dtype=float32), array([0.          , 1.          , 0.9975853 , 0.048
        0.22220597, 0.95024735], dtype=float32), array([0.          , 1.          , 0.99674255, 0.531
        0.6720044 , 0.80517507], dtype=float32), array([0.          , 1.          , 0.99480104, 0.666
        0.7764102 , 0.7633019 ], dtype=float32), array([0.          , 1.          , 0.9558346 , 0.746
        0.81642026, 0.6022845 ], dtype=float32), array([0.          , 1.          , 0.93081045, 0.788
        0.92376906, 0.67936444], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9978885 , 0.3284278 , 0.25136822,
        0.44603568, 0.86312765], dtype=float32), array([0.          , 1.          , 0.99765635, 0.047
        0.22733209, 0.96452963], dtype=float32), array([0.          , 1.          , 0.99693716, 0.532
        0.6717384 , 0.8057349 ], dtype=float32), array([0.          , 1.          , 0.9944243 , 0.666
        0.776511 , 0.7632791 ], dtype=float32), array([0.          , 1.          , 0.9522488 , 0.747
        0.8169095 , 0.602094 ], dtype=float32), array([0.          , 1.          , 0.9289035 , 0.788
        0.9240654 , 0.68108433], dtype=float32)]

```

```

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980404 , 0.3285299 , 0.25063446,
        0.44668287, 0.8605032 ], dtype=float32), array([0.          , 1.          , 0.9979225 , 0.043
        0.22776814, 0.96493244], dtype=float32), array([0.          , 1.          , 0.9973586 , 0.530
        0.67206097, 0.80565345], dtype=float32), array([0.          , 1.          , 0.99396956, 0.667
        0.7770016 , 0.7634728 ], dtype=float32), array([0.          , 1.          , 0.96188474, 0.746
        0.8165909 , 0.60235023], dtype=float32), array([0.          , 1.          , 0.93180615, 0.789
        0.92406535, 0.6794336 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980488 , 0.04335082, 0.27046397,
        0.22803947, 0.96515477], dtype=float32), array([0.          , 1.          , 0.9980445 , 0.329
        0.44679466, 0.86124897], dtype=float32), array([0.          , 1.          , 0.9976623 , 0.529
        0.6723979 , 0.8046687 ], dtype=float32), array([0.          , 1.          , 0.99314415, 0.666
        0.77769727, 0.7636674 ], dtype=float32), array([0.          , 1.          , 0.9656939 , 0.745
        0.81687695, 0.6029163 ], dtype=float32), array([0.          , 1.          , 0.9314428 , 0.789
        0.9242211 , 0.67980343], dtype=float32), array([0.          , 1.          , 0.6246523, 0.901487
        0.5354096], dtype=float32)]

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99812776, 0.04334963, 0.27050704,
        0.22814414, 0.9644715 ], dtype=float32), array([0.          , 1.          , 0.9981123 , 0.330
        0.44712126, 0.86504656], dtype=float32), array([0.          , 1.          , 0.99746144, 0.527
        0.67136556, 0.80549586], dtype=float32), array([0.          , 1.          , 0.99277604, 0.666
        0.7780525 , 0.7634054 ], dtype=float32), array([0.          , 1.          , 0.9596949 , 0.744
        0.8162312 , 0.6028403 ], dtype=float32), array([0.          , 1.          , 0.93525535, 0.791
        0.923536 , 0.6785333 ], dtype=float32), array([0.          , 1.          , 0.61386234, 0.901
        0.9603438 , 0.53468955], dtype=float32)]

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99799037, 0.32798824, 0.25058642,
        0.44749913, 0.8628297 ], dtype=float32), array([0.          , 1.          , 0.99797434, 0.044
        0.22759753, 0.96625686], dtype=float32), array([0.          , 1.          , 0.9967533 , 0.531
        0.6715967 , 0.803624 ], dtype=float32), array([0.          , 1.          , 0.9926258 , 0.666
        0.7771093 , 0.76371056], dtype=float32), array([0.          , 1.          , 0.9398242 , 0.743

```

```

        0.8143953 , 0.60178995], dtype=float32), array([0.          , 1.          , 0.93844616, 0.792
        0.92331713, 0.6759004 ], dtype=float32), array([0.          , 1.          , 0.6392562 , 0.902
        0.96033657, 0.53360707], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977723 , 0.312086 , 0.2363984 ,
        0.44430053, 0.8677682 ], dtype=float32), array([0.          , 1.          , 0.9977708 , 0.045
        0.22740844, 0.96534264], dtype=float32), array([0.          , 1.          , 0.99634176, 0.530
        0.6711232 , 0.8026564 ], dtype=float32), array([0.          , 1.          , 0.9920499 , 0.666
        0.77768487, 0.7637343 ], dtype=float32), array([0.          , 1.          , 0.9413193, 0.744246
        0.6026066], dtype=float32), array([0.          , 1.          , 0.93207526, 0.790979 , 0.2544
        0.92332196, 0.6759317 ], dtype=float32), array([0.          , 1.          , 0.71209943, 0.903
        0.9601082 , 0.5309038 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99826616, 0.30987117, 0.23802832,
        0.4445249 , 0.86550784], dtype=float32), array([0.          , 1.          , 0.99777967, 0.045
        0.22733659, 0.96560013], dtype=float32), array([0.          , 1.          , 0.9968178 , 0.536
        0.67075914, 0.8021174 ], dtype=float32), array([0.          , 1.          , 0.992082 , 0.666
        0.7782773 , 0.7641715 ], dtype=float32), array([0.          , 1.          , 0.9404517 , 0.743
        0.81469184, 0.60053366], dtype=float32), array([0.          , 1.          , 0.92407554, 0.787
        0.9235385 , 0.6782454 ], dtype=float32), array([0.          , 1.          , 0.7516628 , 0.904
        0.9601124 , 0.53034335], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998321 , 0.308483 , 0.23798257,
        0.44428992, 0.8652982 ], dtype=float32), array([0.          , 1.          , 0.99762255, 0.046
        0.22721213, 0.96561116], dtype=float32), array([0.          , 1.          , 0.9960771, 0.537892
        0.8049258], dtype=float32), array([0.          , 1.          , 0.9925364 , 0.6658095 , 0.2358
        0.77845037, 0.76461554], dtype=float32), array([0.          , 1.          , 0.9462491 , 0.744
        0.8150747 , 0.60033965], dtype=float32), array([0.          , 1.          , 0.9249258 , 0.787
        0.92340344, 0.67858183], dtype=float32), array([0.          , 1.          , 0.79406786, 0.903
        0.9584705 , 0.52511203], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982973 , 0.3083218 , 0.23808697,

```

```

0.44319215, 0.8640046 ], dtype=float32), array([0.          , 1.          , 0.99770457, 0.046
0.22746132, 0.96553874], dtype=float32), array([0.          , 1.          , 0.99544024, 0.537
0.6720656 , 0.80530316], dtype=float32), array([0.          , 1.          , 0.99331266, 0.665
0.77763003, 0.76352  ], dtype=float32), array([0.          , 1.          , 0.9422653 , 0.744
0.81479144, 0.6013288 ], dtype=float32), array([0.          , 1.          , 0.933163  , 0.788
0.9229306 , 0.67809474], dtype=float32), array([0.          , 1.          , 0.7505863 , 0.904
0.95776355, 0.52287364], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981596 , 0.30866623, 0.23769334,
0.44298595, 0.86377144], dtype=float32), array([0.          , 1.          , 0.9975441 , 0.046
0.22741929, 0.9651487 ], dtype=float32), array([0.          , 1.          , 0.9950205 , 0.535
0.67212415, 0.8068396 ], dtype=float32), array([0.          , 1.          , 0.99326974, 0.665
0.777365  , 0.76389956], dtype=float32), array([0.          , 1.          , 0.939678  , 0.743
0.8145082 , 0.60314476], dtype=float32), array([0.          , 1.          , 0.93904227, 0.789
0.9224466 , 0.677853  ], dtype=float32), array([0.          , 1.          , 0.7504748 , 0.904
0.95722663, 0.5246394 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982693 , 0.3091603 , 0.23841801,
0.4419806 , 0.8636459 ], dtype=float32), array([0.          , 1.          , 0.9977475 , 0.046
0.22752884, 0.96484894], dtype=float32), array([0.          , 1.          , 0.99510574, 0.536
0.6723918 , 0.8064084 ], dtype=float32), array([0.          , 1.          , 0.99340045, 0.665
0.7769509 , 0.7635771 ], dtype=float32), array([0.          , 1.          , 0.94954705, 0.792
0.9224341 , 0.6777751 ], dtype=float32), array([0.          , 1.          , 0.9333955 , 0.743
0.81441194, 0.6025333 ], dtype=float32), array([0.          , 1.          , 0.7964716 , 0.903
0.9573687 , 0.52619463], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998207  , 0.30968466, 0.23867998,
0.44148716, 0.8656143 ], dtype=float32), array([0.          , 1.          , 0.9975987 , 0.046
0.22749232, 0.9652742 ], dtype=float32), array([0.          , 1.          , 0.99474674, 0.536
0.67288643, 0.8054519 ], dtype=float32), array([0.          , 1.          , 0.9941122 , 0.665
0.7758965 , 0.7640818 ], dtype=float32), array([0.          , 1.          , 0.95220673, 0.792
0.9231102 , 0.6784968 ], dtype=float32), array([0.          , 1.          , 0.9305836 , 0.744
0.8132511 , 0.5999987 ], dtype=float32), array([0.          , 1.          , 0.77695733, 0.904
0.95747083, 0.52510756], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983406 , 0.3096538 , 0.23883942,
        0.44106337, 0.86434543], dtype=float32), array([0.          , 1.          , 0.9977469 , 0.046
        0.22754154, 0.9638783 ], dtype=float32), array([0.          , 1.          , 0.99469817, 0.537
        0.67311853, 0.8055513 ], dtype=float32), array([0.          , 1.          , 0.9941287 , 0.665
        0.7755375 , 0.76481736], dtype=float32), array([0.          , 1.          , 0.96148646, 0.795
        0.9219918 , 0.67776215], dtype=float32), array([0.          , 1.          , 0.9262538 , 0.744
        0.8111002 , 0.59603405], dtype=float32), array([0.          , 1.          , 0.77045655, 0.904
        0.9577553 , 0.5245447 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99830866, 0.30991262, 0.23906761,
        0.4402066 , 0.8643668 ], dtype=float32), array([0.          , 1.          , 0.99755245, 0.047
        0.22733629, 0.9666574 ], dtype=float32), array([0.          , 1.          , 0.9945024 , 0.665
        0.7753103 , 0.7653246 ], dtype=float32), array([0.          , 1.          , 0.9943883 , 0.538
        0.67304265, 0.8041208 ], dtype=float32), array([0.          , 1.          , 0.9624553 , 0.796
        0.92148495, 0.6764348 ], dtype=float32), array([0.          , 1.          , 0.912543 , 0.745
        0.8100019 , 0.5952388 ], dtype=float32), array([0.          , 1.          , 0.7370814 , 0.904
        0.95707875, 0.5258804 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998278 , 0.31007367, 0.23923922,
        0.44040197, 0.8645886 ], dtype=float32), array([0.          , 1.          , 0.99749494, 0.047
        0.22721177, 0.9662672 ], dtype=float32), array([0.          , 1.          , 0.9944297 , 0.665
        0.7754684 , 0.7662329 ], dtype=float32), array([0.          , 1.          , 0.9942325 , 0.539
        0.67268217, 0.8051466 ], dtype=float32), array([0.          , 1.          , 0.9614572 , 0.796
        0.92197144, 0.67563206], dtype=float32), array([0.          , 1.          , 0.89476204, 0.743
        0.8077035 , 0.593709 ], dtype=float32), array([0.          , 1.          , 0.686424 , 0.904
        0.95724756, 0.5258453 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982905 , 0.31026077, 0.2385298 ,
        0.4407307 , 0.86529577], dtype=float32), array([0.          , 1.          , 0.9975799 , 0.047
        0.22721216, 0.96554 ], dtype=float32), array([0.          , 1.          , 0.9944085 , 0.665
        0.7751154 , 0.76519585], dtype=float32), array([0.          , 1.          , 0.99429613, 0.540
        0.67252094, 0.8063549 ], dtype=float32), array([0.          , 1.          , 0.9564426 , 0.795
        0.9227094 , 0.6758385 ], dtype=float32), array([0.          , 1.          , 0.88270605, 0.742
```

```

        0.80763996, 0.5938287 ], dtype=float32), array([0.          , 1.          , 0.72804284, 0.904
        0.95681936, 0.525505  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99837756, 0.30965897, 0.23771846,
        0.44114587, 0.86515224], dtype=float32), array([0.          , 1.          , 0.99754095, 0.047
        0.22726285, 0.9655678 ], dtype=float32), array([0.          , 1.          , 0.9944832 , 0.665
        0.7757435 , 0.7659022 ], dtype=float32), array([0.          , 1.          , 0.99443626, 0.542
        0.6726333 , 0.8056432 ], dtype=float32), array([0.          , 1.          , 0.95139396, 0.793
        0.9224615 , 0.6759588 ], dtype=float32), array([0.          , 1.          , 0.88488156, 0.742
        0.8078703 , 0.591844  ], dtype=float32), array([0.          , 1.          , 0.66335607, 0.904
        0.95692503, 0.52630424], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984182 , 0.30925998, 0.23697734,
        0.4413016 , 0.8650706 ], dtype=float32), array([0.          , 1.          , 0.9976597 , 0.047
        0.22743902, 0.96434534], dtype=float32), array([0.          , 1.          , 0.9945311 , 0.666
        0.77613944, 0.76722944], dtype=float32), array([0.          , 1.          , 0.99426043, 0.541
        0.6722532 , 0.8047971 ], dtype=float32), array([0.          , 1.          , 0.9513319 , 0.794
        0.92216575, 0.67462826], dtype=float32), array([0.          , 1.          , 0.8779428 , 0.742
        0.8076483 , 0.5915568 ], dtype=float32), array([0.          , 1.          , 0.640036 , 0.904
        0.9571958 , 0.52850807], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985304 , 0.30875146, 0.23710054,
        0.4415658 , 0.8640862 ], dtype=float32), array([0.          , 1.          , 0.9975128 , 0.047
        0.22735536, 0.96491385], dtype=float32), array([0.          , 1.          , 0.99470854, 0.666
        0.77651435, 0.7672036 ], dtype=float32), array([0.          , 1.          , 0.9945115 , 0.541
        0.6717296 , 0.8046938 ], dtype=float32), array([0.          , 1.          , 0.95386183, 0.794
        0.9225134 , 0.6750628 ], dtype=float32), array([0.          , 1.          , 0.873363 , 0.743
        0.8081199 , 0.59162736], dtype=float32), array([0.          , 1.          , 0.651794 , 0.903
        0.95842534, 0.53026307], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985226 , 0.30855405, 0.23686701,
        0.4426843 , 0.8651188 ], dtype=float32), array([0.          , 1.          , 0.9974969 , 0.047

```

```

0.22739676, 0.96497285], dtype=float32), array([0.          , 1.          , 0.994856 , 0.541355
0.8048388], dtype=float32), array([0.          , 1.          , 0.9947766 , 0.66617274, 0.2344
0.77653086, 0.76681954], dtype=float32), array([0.          , 1.          , 0.95413417, 0.795
0.92227423, 0.67484397], dtype=float32), array([0.          , 1.          , 0.86805725, 0.742
0.8081522 , 0.5922755 ], dtype=float32), array([0.          , 1.          , 0.691514 , 0.903
0.9581967 , 0.52892363], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985964 , 0.3081903 , 0.23738056,
0.44291055, 0.86613435], dtype=float32), array([0.          , 1.          , 0.9974396 , 0.047
0.22728096, 0.96505475], dtype=float32), array([0.          , 1.          , 0.99517715, 0.666
0.77642787, 0.7664037 ], dtype=float32), array([0.          , 1.          , 0.9944021 , 0.542
0.6726228 , 0.8034624 ], dtype=float32), array([0.          , 1.          , 0.95551264, 0.795
0.92281306, 0.6746657 ], dtype=float32), array([0.          , 1.          , 0.87648433, 0.743
0.80864805, 0.59238356], dtype=float32), array([0.          , 1.          , 0.7032829 , 0.902
0.961916 , 0.5379255 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99866056, 0.30784613, 0.23764601,
0.4425431 , 0.86547184], dtype=float32), array([0.          , 1.          , 0.9974438 , 0.047
0.22757564, 0.96509254], dtype=float32), array([0.          , 1.          , 0.9952212 , 0.667
0.7760356 , 0.7654726 ], dtype=float32), array([0.          , 1.          , 0.99475455, 0.541
0.6719448 , 0.80321276], dtype=float32), array([0.          , 1.          , 0.95347875, 0.795
0.9221573 , 0.674847 ], dtype=float32), array([0.          , 1.          , 0.8664347 , 0.742
0.8083338 , 0.5929071 ], dtype=float32), array([0.          , 1.          , 0.78096044, 0.902
0.9603353 , 0.53301406], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986613 , 0.30774188, 0.23813313,
0.4429748 , 0.86449534], dtype=float32), array([0.          , 1.          , 0.9972784 , 0.047
0.22734356, 0.9653411 ], dtype=float32), array([0.          , 1.          , 0.9951148 , 0.667
0.7764273 , 0.7641518 ], dtype=float32), array([0.          , 1.          , 0.99499655, 0.539
0.67224777, 0.8035325 ], dtype=float32), array([0.          , 1.          , 0.95465416, 0.795
0.9221796 , 0.6743885 ], dtype=float32), array([0.          , 1.          , 0.884366 , 0.743
0.80997676, 0.5936892 ], dtype=float32), array([0.          , 1.          , 0.8328117 , 0.901
0.9605951 , 0.5329962 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```



2 1

Running Inference

```
[array([0.          , 1.          , 0.9987029 , 0.30772352, 0.23802546,
        0.4433046 , 0.86507225], dtype=float32), array([0.          , 1.          , 0.9972486 , 0.047
        0.22731188, 0.96566916], dtype=float32), array([0.          , 1.          , 0.99530125, 0.537
        0.6725255 , 0.8034286 ], dtype=float32), array([0.          , 1.          , 0.99509996, 0.668
        0.77609265, 0.7635422 ], dtype=float32), array([0.          , 1.          , 0.95580345, 0.795
        0.92215145, 0.6745859 ], dtype=float32), array([0.          , 1.          , 0.8769507 , 0.743
        0.8095902 , 0.59496576], dtype=float32), array([0.          , 1.          , 0.8540848 , 0.901
        0.95951927, 0.53185105], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99865556, 0.30797163, 0.23729119,
        0.44281313, 0.8667952 ], dtype=float32), array([0.          , 1.          , 0.9971058 , 0.047
        0.22692166, 0.96598303], dtype=float32), array([0.          , 1.          , 0.99531686, 0.535
        0.67237467, 0.80380315], dtype=float32), array([0.          , 1.          , 0.99506253, 0.667
        0.7759432 , 0.7642207 ], dtype=float32), array([0.          , 1.          , 0.95602745, 0.795
        0.92194617, 0.67481506], dtype=float32), array([0.          , 1.          , 0.8470132 , 0.743
        0.8086803 , 0.5948424 ], dtype=float32), array([0.          , 1.          , 0.80971867, 0.901
        0.9596526 , 0.5297146 ], dtype=float32), array([0.          , 1.          , 0.69461244, 0.917
        0.9908081 , 0.5575831 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99870265, 0.30803353, 0.2377666 ,
        0.44260347, 0.86423504], dtype=float32), array([0.          , 1.          , 0.99726945, 0.047
        0.22722498, 0.96551144], dtype=float32), array([0.          , 1.          , 0.9948559 , 0.668
        0.7750101 , 0.7630857 ], dtype=float32), array([0.          , 1.          , 0.9937143 , 0.539
        0.67261237, 0.8026434 ], dtype=float32), array([0.          , 1.          , 0.95491964, 0.795
        0.9216119 , 0.6738347 ], dtype=float32), array([0.          , 1.          , 0.8137716 , 0.742
        0.8070768 , 0.59310365], dtype=float32), array([0.          , 1.          , 0.80152124, 0.901
        0.95991194, 0.5318805 ], dtype=float32), array([0.          , 1.          , 0.6154223 , 0.916
        0.98679227, 0.5599963 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986545 , 0.30842185, 0.23712564,
        0.44240427, 0.8641205 ], dtype=float32), array([0.          , 1.          , 0.997338 , 0.047
        0.22729144, 0.96450865], dtype=float32), array([0.          , 1.          , 0.9948145 , 0.668
        0.77532744, 0.76329017], dtype=float32), array([0.          , 1.          , 0.99337465, 0.540
        0.67271066, 0.8034074 ], dtype=float32), array([0.          , 1.          , 0.95468426, 0.794
```

```

        0.921831 , 0.6741278 ], dtype=float32), array([0.          , 1.          , 0.8176359 , 0.742
        0.80695134, 0.5919999 ], dtype=float32), array([0.          , 1.          , 0.8023313 , 0.901
        0.9594216 , 0.5327577 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99873036, 0.30814555, 0.23806864,
        0.44359455, 0.86497694], dtype=float32), array([0.          , 1.          , 0.9974566 , 0.047
        0.22755086, 0.9655696 ], dtype=float32), array([0.          , 1.          , 0.99466395, 0.669
        0.775466 , 0.7638111 ], dtype=float32), array([0.          , 1.          , 0.9923487 , 0.545
        0.67298293, 0.80225587], dtype=float32), array([0.          , 1.          , 0.95493746, 0.794
        0.92198914, 0.6740353 ], dtype=float32), array([0.          , 1.          , 0.83530694, 0.743
        0.8082551 , 0.5917588 ], dtype=float32), array([0.          , 1.          , 0.772801 , 0.901
        0.95972395, 0.53364694], dtype=float32), array([0.          , 1.          , 0.6080517 , 0.917
        0.98828363, 0.55847156], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99867094, 0.30790502, 0.23814723,
        0.44388413, 0.8653424 ], dtype=float32), array([0.          , 1.          , 0.9974383 , 0.047
        0.22745988, 0.9659505 ], dtype=float32), array([0.          , 1.          , 0.99427176, 0.668
        0.7757435 , 0.7641827 ], dtype=float32), array([0.          , 1.          , 0.992262 , 0.549
        0.6735159 , 0.8002795 ], dtype=float32), array([0.          , 1.          , 0.9553787 , 0.794
        0.9216226 , 0.67402786], dtype=float32), array([0.          , 1.          , 0.83477086, 0.743
        0.80908686, 0.591217 ], dtype=float32), array([0.          , 1.          , 0.76058424, 0.900
        0.96033216, 0.5349648 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981148 , 0.3089875 , 0.23562142,
        0.44274074, 0.87033856], dtype=float32), array([0.          , 1.          , 0.997729 , 0.047
        0.22788969, 0.9658042 ], dtype=float32), array([0.          , 1.          , 0.9944617 , 0.667
        0.7759671 , 0.7669668 ], dtype=float32), array([0.          , 1.          , 0.99293137, 0.545
        0.6737571 , 0.7998203 ], dtype=float32), array([0.          , 1.          , 0.9562032 , 0.795
        0.9213252 , 0.673869 ], dtype=float32), array([0.          , 1.          , 0.8674186 , 0.744
        0.8097811 , 0.59240234], dtype=float32), array([0.          , 1.          , 0.6661163 , 0.900
        0.9594638 , 0.5351969 ], dtype=float32), array([0.          , 1.          , 0.62702584, 0.916
        0.98963225, 0.5556105 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.99812955, 0.30867755, 0.23734227,
        0.44379222, 0.8642142 ], dtype=float32), array([0.          , 1.          , 0.99774504, 0.046
        0.2278744 , 0.96544206], dtype=float32), array([0.          , 1.          , 0.9944602 , 0.667
        0.7771729 , 0.76744246], dtype=float32), array([0.          , 1.          , 0.99288017, 0.545
        0.67468333, 0.7995768 ], dtype=float32), array([0.          , 1.          , 0.9532328 , 0.795
        0.92125475, 0.6735163 ], dtype=float32), array([0.          , 1.          , 0.84896815, 0.742
        0.8093325 , 0.5941323 ], dtype=float32), array([0.          , 1.          , 0.72069246, 0.917
        0.99192566, 0.5564783 ], dtype=float32), array([0.          , 1.          , 0.63981247, 0.900
        0.9600282 , 0.5351341 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99778616, 0.04686922, 0.2700345 ,
        0.22807726, 0.96580535], dtype=float32), array([0.          , 1.          , 0.997732 , 0.309
        0.4438407 , 0.8676666 ], dtype=float32), array([0.          , 1.          , 0.9943557 , 0.668
        0.77781814, 0.76828796], dtype=float32), array([0.          , 1.          , 0.9908936 , 0.541
        0.6751796 , 0.8003936 ], dtype=float32), array([0.          , 1.          , 0.95458007, 0.795
        0.92122775, 0.6733855 ], dtype=float32), array([0.          , 1.          , 0.8649192 , 0.741
        0.8083473 , 0.5928187 ], dtype=float32), array([0.          , 1.          , 0.73699766, 0.920
        0.99391985, 0.5616003 ], dtype=float32), array([0.          , 1.          , 0.6946049 , 0.899
        0.95944625, 0.5350236 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9977456 , 0.04697774, 0.26936254,
        0.22789799, 0.9662539 ], dtype=float32), array([0.          , 1.          , 0.99764204, 0.310
        0.44395882, 0.86789674], dtype=float32), array([0.          , 1.          , 0.99380785, 0.668
        0.77787614, 0.76681983], dtype=float32), array([0.          , 1.          , 0.990245 , 0.540
        0.67451304, 0.8006896 ], dtype=float32), array([0.          , 1.          , 0.95565856, 0.796
        0.9212132 , 0.67284733], dtype=float32), array([0.          , 1.          , 0.84065455, 0.741
        0.80815405, 0.59331757], dtype=float32), array([0.          , 1.          , 0.8150863 , 0.918
        0.993271 , 0.56421125], dtype=float32), array([0.          , 1.          , 0.6898799 , 0.900
        0.9613879 , 0.5352287 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9977488 , 0.0468578 , 0.2687791 ,
        0.22793993, 0.96720606], dtype=float32), array([0.          , 1.          , 0.9974935 , 0.311
        0.44347095, 0.8683261 ], dtype=float32), array([0.          , 1.          , 0.9934447 , 0.667
        0.7781565 , 0.7681272 ], dtype=float32), array([0.          , 1.          , 0.9896137 , 0.543
        0.67399234, 0.79868174], dtype=float32), array([0.          , 1.          , 0.9566825 , 0.796
```

```

    0.9208053 , 0.6718282 ], dtype=float32), array([0.          , 1.          , 0.8463567 , 0.741
    0.8081294 , 0.59266406], dtype=float32), array([0.          , 1.          , 0.7583667 , 0.919
    0.9928662 , 0.5614678 ], dtype=float32), array([0.          , 1.          , 0.72703165, 0.901
    0.96074677, 0.5349835 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99780184, 0.0470891 , 0.26892254,
    0.22807577, 0.9670818 ], dtype=float32), array([0.          , 1.          , 0.9974878 , 0.311
    0.4430578 , 0.86886823], dtype=float32), array([0.          , 1.          , 0.9928266 , 0.667
    0.7776768 , 0.76568806], dtype=float32), array([0.          , 1.          , 0.9892999 , 0.544
    0.6736156 , 0.7991981 ], dtype=float32), array([0.          , 1.          , 0.9526775 , 0.796
    0.9209492 , 0.671096  ], dtype=float32), array([0.          , 1.          , 0.80171597, 0.740
    0.80704355, 0.5924471 ], dtype=float32), array([0.          , 1.          , 0.7265128 , 0.900
    0.9582678 , 0.5358827 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99792504, 0.04671553, 0.2705571 ,
    0.22834656, 0.96675915], dtype=float32), array([0.          , 1.          , 0.99738246, 0.312
    0.4421077 , 0.867864  ], dtype=float32), array([0.          , 1.          , 0.99253005, 0.666
    0.7778612 , 0.7649073 ], dtype=float32), array([0.          , 1.          , 0.9886135 , 0.543
    0.67374057, 0.8000821 ], dtype=float32), array([0.          , 1.          , 0.95238113, 0.796
    0.92084676, 0.6706427 ], dtype=float32), array([0.          , 1.          , 0.7862523 , 0.739
    0.8067548 , 0.5930904 ], dtype=float32), array([0.          , 1.          , 0.7249483 , 0.900
    0.9583773 , 0.53556174], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99785113, 0.04668105, 0.27083215,
    0.22797555, 0.9666425 ], dtype=float32), array([0.          , 1.          , 0.99737895, 0.311
    0.4415587 , 0.86904824], dtype=float32), array([0.          , 1.          , 0.9925524 , 0.666
    0.77781093, 0.76461446], dtype=float32), array([0.          , 1.          , 0.988706  , 0.545
    0.6733882 , 0.80006945], dtype=float32), array([0.          , 1.          , 0.9524061 , 0.796
    0.9207647 , 0.6709076 ], dtype=float32), array([0.          , 1.          , 0.8030825 , 0.740
    0.8063169 , 0.5938194 ], dtype=float32), array([0.          , 1.          , 0.71169704, 0.900
    0.95824647, 0.5357987 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.997755  , 0.04693186, 0.26995614,
        0.22761622, 0.96676123], dtype=float32), array([0.          , 1.          , 0.99734974, 0.310
        0.44156975, 0.87409663], dtype=float32), array([0.          , 1.          , 0.99269813, 0.665
        0.7784745 , 0.76589406], dtype=float32), array([0.          , 1.          , 0.9875994 , 0.545
        0.6728718 , 0.801417  ], dtype=float32), array([0.          , 1.          , 0.9513111 , 0.796
        0.9206909 , 0.6714237 ], dtype=float32), array([0.          , 1.          , 0.87491083, 0.742
        0.8092331 , 0.59635633], dtype=float32), array([0.          , 1.          , 0.6993259 , 0.900
        0.9585375 , 0.535726  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9976373 , 0.04726208, 0.26972428,
        0.22748804, 0.965968  ], dtype=float32), array([0.          , 1.          , 0.9974953 , 0.310
        0.44139004, 0.87505174], dtype=float32), array([0.          , 1.          , 0.9928935 , 0.665
        0.7787806 , 0.76674455], dtype=float32), array([0.          , 1.          , 0.9861144 , 0.544
        0.6723423 , 0.8020512 ], dtype=float32), array([0.          , 1.          , 0.953833  , 0.796
        0.9208913 , 0.6722874 ], dtype=float32), array([0.          , 1.          , 0.8729808 , 0.742
        0.808866  , 0.59611315], dtype=float32), array([0.          , 1.          , 0.657586  , 0.900
        0.95809495, 0.53598297], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99762315, 0.31033537, 0.23347747,
        0.4412389 , 0.87429357], dtype=float32), array([0.          , 1.          , 0.99754274, 0.047
        0.22743762, 0.9668077 ], dtype=float32), array([0.          , 1.          , 0.9928347 , 0.664
        0.77903455, 0.76653385], dtype=float32), array([0.          , 1.          , 0.9877608 , 0.542
        0.6720958 , 0.8025408 ], dtype=float32), array([0.          , 1.          , 0.9533995 , 0.796
        0.9210805 , 0.67261595], dtype=float32), array([0.          , 1.          , 0.83530927, 0.740
        0.8067213 , 0.59544045], dtype=float32), array([0.          , 1.          , 0.6593054 , 0.900
        0.95846117, 0.53532445], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99789494, 0.30984655, 0.2344132 ,
        0.44136867, 0.86670977], dtype=float32), array([0.          , 1.          , 0.99765366, 0.047
        0.22748137, 0.9668977 ], dtype=float32), array([0.          , 1.          , 0.99258465, 0.665
        0.77958035, 0.7655779 ], dtype=float32), array([0.          , 1.          , 0.99122167, 0.540
        0.6722233 , 0.80265677], dtype=float32), array([0.          , 1.          , 0.9596126 , 0.796
        0.92073774, 0.67456603], dtype=float32), array([0.          , 1.          , 0.8456743 , 0.740
        0.80705845, 0.5950731 ], dtype=float32), array([0.          , 1.          , 0.67430604, 0.899
        0.95839167, 0.532984  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.997948  , 0.3098593 , 0.23471782,
        0.44187966, 0.86725986], dtype=float32), array([0.          , 1.          , 0.9977597 , 0.047
        0.22755119, 0.9674684 ], dtype=float32), array([0.          , 1.          , 0.9929153 , 0.666
        0.77840143, 0.76463956], dtype=float32), array([0.          , 1.          , 0.99022967, 0.538
        0.6733674 , 0.8015823 ], dtype=float32), array([0.          , 1.          , 0.95751655, 0.795
        0.9205842 , 0.6757277 ], dtype=float32), array([0.          , 1.          , 0.8717401 , 0.744
        0.80706584, 0.59408677], dtype=float32), array([0.          , 1.          , 0.6554134 , 0.899
        0.9587525 , 0.53071976], dtype=float32), array([0.          , 1.          , 0.6409181 , 0.922
        0.99212116, 0.5560535 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99805474, 0.30993277, 0.23496833,
        0.4417107 , 0.8620868 ], dtype=float32), array([0.          , 1.          , 0.99767107, 0.047
        0.22753647, 0.96676075], dtype=float32), array([0.          , 1.          , 0.99348867, 0.667
        0.7783828 , 0.76600134], dtype=float32), array([0.          , 1.          , 0.9898958 , 0.539
        0.6733739 , 0.80319154], dtype=float32), array([0.          , 1.          , 0.9467189 , 0.794
        0.9214575 , 0.67577565], dtype=float32), array([0.          , 1.          , 0.8070227 , 0.742
        0.80446833, 0.59136945], dtype=float32), array([0.          , 1.          , 0.69034636, 0.899
        0.9571869 , 0.5317356 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981495 , 0.30967498, 0.2360377 ,
        0.4430138 , 0.86174107], dtype=float32), array([0.          , 1.          , 0.99755883, 0.048
        0.22721972, 0.96788824], dtype=float32), array([0.          , 1.          , 0.9938216 , 0.666
        0.7787306 , 0.76840734], dtype=float32), array([0.          , 1.          , 0.99116766, 0.540
        0.6731265 , 0.8021593 ], dtype=float32), array([0.          , 1.          , 0.94451994, 0.793
        0.9217466 , 0.6765243 ], dtype=float32), array([0.          , 1.          , 0.7782598 , 0.738
        0.8040427 , 0.5945107 ], dtype=float32), array([0.          , 1.          , 0.7277129 , 0.899
        0.9573248 , 0.5355317 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99837285, 0.3092851 , 0.23667541,
        0.4437498 , 0.86181283], dtype=float32), array([0.          , 1.          , 0.9975948 , 0.048
        0.22724709, 0.96797323], dtype=float32), array([0.          , 1.          , 0.99438053, 0.666
        0.77896285, 0.7689216 ], dtype=float32), array([0.          , 1.          , 0.99166846, 0.535
```

```

    0.6737796 , 0.80299723], dtype=float32), array([0.          , 1.          , 0.9253133 , 0.787
    0.9221275 , 0.677417  ], dtype=float32), array([0.          , 1.          , 0.7956293 , 0.743
    0.80652666, 0.5872024 ], dtype=float32), array([0.          , 1.          , 0.720668  , 0.900
    0.9585434 , 0.53609896], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99833906, 0.30951577, 0.23684922,
    0.44390845, 0.860728  ], dtype=float32), array([0.          , 1.          , 0.9975231 , 0.048
    0.2271217 , 0.9670075 ], dtype=float32), array([0.          , 1.          , 0.9938452 , 0.665
    0.779949  , 0.7683666 ], dtype=float32), array([0.          , 1.          , 0.9916435, 0.533378
    0.8036554], dtype=float32), array([0.          , 1.          , 0.9158111 , 0.7802948 , 0.2587
    0.91756546, 0.66866046], dtype=float32), array([0.          , 1.          , 0.8418333 , 0.742
    0.80822754, 0.58761036], dtype=float32), array([0.          , 1.          , 0.7094388 , 0.900
    0.9585869 , 0.5369756 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983777 , 0.30978385, 0.23707503,
    0.44449213, 0.861728  ], dtype=float32), array([0.          , 1.          , 0.99728894, 0.048
    0.2266477 , 0.9689423 ], dtype=float32), array([0.          , 1.          , 0.99321955, 0.665
    0.78090984, 0.767887  ], dtype=float32), array([0.          , 1.          , 0.99134576, 0.534
    0.67353666, 0.8037666 ], dtype=float32), array([0.          , 1.          , 0.9236899 , 0.779
    0.9172141 , 0.6690813 ], dtype=float32), array([0.          , 1.          , 0.83065206, 0.739
    0.8087259 , 0.5918307 ], dtype=float32), array([0.          , 1.          , 0.72615683, 0.901
    0.95880175, 0.5366063 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998382  , 0.3096352 , 0.23704153,
    0.44398317, 0.8615493 ], dtype=float32), array([0.          , 1.          , 0.9973857 , 0.048
    0.226953  , 0.9693966 ], dtype=float32), array([0.          , 1.          , 0.9934777 , 0.530
    0.67344636, 0.8033243 ], dtype=float32), array([0.          , 1.          , 0.99222857, 0.666
    0.7825407 , 0.7664239 ], dtype=float32), array([0.          , 1.          , 0.92360073, 0.787
    0.9218302 , 0.6761023 ], dtype=float32), array([0.          , 1.          , 0.8334363 , 0.739
    0.8088849 , 0.5950699 ], dtype=float32), array([0.          , 1.          , 0.7250964 , 0.900
    0.9587878 , 0.53716904], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.9984273 , 0.30985957, 0.23665133,
        0.44391268, 0.861058  ], dtype=float32), array([0.          , 1.          , 0.99726284, 0.048
        0.22692499, 0.9694011 ], dtype=float32), array([0.          , 1.          , 0.99472564, 0.529
        0.6725551 , 0.80254304], dtype=float32), array([0.          , 1.          , 0.992645  , 0.665
        0.78106886, 0.7672765 ], dtype=float32), array([0.          , 1.          , 0.93266654, 0.790
        0.92193836, 0.67490953], dtype=float32), array([0.          , 1.          , 0.7685686 , 0.737
        0.8060319 , 0.5968386 ], dtype=float32), array([0.          , 1.          , 0.6940241, 0.901108
        0.5378144], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99843234, 0.30976054, 0.23688164,
        0.4432861 , 0.862208  ], dtype=float32), array([0.          , 1.          , 0.99728465, 0.049
        0.22220126, 0.95407534], dtype=float32), array([0.          , 1.          , 0.99683905, 0.515
        0.6720456 , 0.8091221 ], dtype=float32), array([0.          , 1.          , 0.99241465, 0.666
        0.78215647, 0.7672167 ], dtype=float32), array([0.          , 1.          , 0.9413476 , 0.793
        0.9217883 , 0.6735091 ], dtype=float32), array([0.          , 1.          , 0.79113364, 0.737
        0.8040663 , 0.5955558 ], dtype=float32), array([0.          , 1.          , 0.6757124 , 0.901
        0.95963055, 0.53739256], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986645 , 0.30909073, 0.23787186,
        0.44383144, 0.85956264], dtype=float32), array([0.          , 1.          , 0.9976059 , 0.506
        0.66829795, 0.8168396 ], dtype=float32), array([0.          , 1.          , 0.9975229 , 0.047
        0.22742784, 0.9672936 ], dtype=float32), array([0.          , 1.          , 0.9917006 , 0.665
        0.78160316, 0.76662743], dtype=float32), array([0.          , 1.          , 0.9528164 , 0.795
        0.9210683 , 0.67322505], dtype=float32), array([0.          , 1.          , 0.8788139 , 0.740
        0.8074836 , 0.6012386 ], dtype=float32), array([0.          , 1.          , 0.65919733, 0.901
        0.959353  , 0.5380117 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987249 , 0.3084714 , 0.23923701,
        0.44457063, 0.8583146 ], dtype=float32), array([0.          , 1.          , 0.9979194 , 0.504
        0.6669483 , 0.81876934], dtype=float32), array([0.          , 1.          , 0.99774456, 0.047
        0.22762343, 0.96890795], dtype=float32), array([0.          , 1.          , 0.99144953, 0.665
        0.7819304 , 0.76683986], dtype=float32), array([0.          , 1.          , 0.9476962 , 0.794
        0.9208069 , 0.6738391 ], dtype=float32), array([0.          , 1.          , 0.8837788 , 0.741
        0.81114227, 0.6002186 ], dtype=float32), array([0.          , 1.          , 0.6620109 , 0.901
        0.95940423, 0.5366583 ], dtype=float32)]
```

Total People in frame = 7



```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99878615, 0.30791587, 0.23946115,
        0.44349933, 0.8592349 ], dtype=float32), array([0.          , 1.          , 0.9974911 , 0.048
        0.22767708, 0.9690368 ], dtype=float32), array([0.          , 1.          , 0.99740535, 0.501
        0.6667335 , 0.81990033], dtype=float32), array([0.          , 1.          , 0.9912074 , 0.664
        0.78152084, 0.7667103 ], dtype=float32), array([0.          , 1.          , 0.9431887 , 0.794
        0.920864 , 0.67296267], dtype=float32), array([0.          , 1.          , 0.8856571 , 0.739
        0.8086298 , 0.598079 ], dtype=float32), array([0.          , 1.          , 0.6794176 , 0.902
        0.9594012 , 0.53639907], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988569 , 0.30811915, 0.23993778,
        0.44334796, 0.85772204], dtype=float32), array([0.          , 1.          , 0.99797875, 0.497
        0.66576445, 0.8170104 ], dtype=float32), array([0.          , 1.          , 0.9978941 , 0.049
        0.22975367, 0.9691404 ], dtype=float32), array([0.          , 1.          , 0.99253356, 0.663
        0.7802373 , 0.7659409 ], dtype=float32), array([0.          , 1.          , 0.94094235, 0.795
        0.9210217 , 0.6721213 ], dtype=float32), array([0.          , 1.          , 0.7480663 , 0.737
        0.80644554, 0.59822077], dtype=float32), array([0.          , 1.          , 0.6765163 , 0.901
        0.95932084, 0.5358382 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[]
Total People in frame = 0
Number of people in queue = {1: 0, 2: 0}
1 0
2 0
results/
results/manufacturing/
results/manufacturing/cpu/
results/manufacturing/cpu/stats.txt
results/manufacturing/cpu/output_video.mp4
stderr.log

```

**View stderr.log** This can be used for debugging.

```
In [11]: !cat stderr.log
```

```
person_detect.py:64: DeprecationWarning: Reading network using constructor is deprecated. Please
```

```
self.model=IENetwork(self.model_structure, self.model_weights)
```

**View Output Video** Run the cell below to view the output video. If inference was successfully run, you should see a video with bounding boxes drawn around each person detected.

```
In [12]: import videoHtml
```

```
videoHtml.videoHTML('Manufacturing CPU', ['results/manufacturing/cpu/output_video.mp4'])
```

```
Out[12]: <IPython.core.display.HTML object>
```

## 1.6 Step 1.2: Submit to an Edge Compute Node with CPU and IGPU

In the cell below, write a script to submit a job to an IEI Tank\* 870-Q170 edge node with an Intel® Core i5-6500TE. The inference workload should run on the **Intel® HD Graphics 530** integrated GPU.

```
In [13]: #Submit job to the queue
```

```
gpu_job_id = !qsub queue_job.sh -d . -l nodes=tank-870:i5-6500te:intel-hd-530 -F "/data
```

```
print(gpu_job_id[0])
```

```
0zKEp88SLyKyBD0zSZS0kZH0yr8fI4fr
```

### 1.6.1 Check Job Status

To check on the job that was submitted, use `liveQStat` to check the status of the job.

Column S shows the state of your running jobs.

For example: - If JOB ID is in Q state, it is in the queue waiting for available resources. - If JOB ID is in R state, it is running.

```
In [14]: #import liveQStat
```

```
#liveQStat.liveQStat()
```

**Get Results** Run the next cell to retrieve your job's results.

```
In [15]: import get_results
```

```
get_results.getResults(gpu_job_id[0], filename='output.tgz', blocking=True)
```

`getResults()` is blocking until results of the job (id:0zKEp88SLyKyBD0zSZS0kZH0yr8fI4fr) are read. Please wait...Success!

output.tgz was downloaded in the same folder as this notebook.

## Unpack your output files and view stdout.log

```
In [16]: !tar xzf output.tgz
```

```
In [17]: !cat stdout.log
```

Creating model...

Network loaded...

Time taken to load model = {time.time()-start} seconds

Running Inference

```
[array([0.          , 1.          , 0.998544  , 0.30922192, 0.24688986,
        0.45102197, 0.8626976 ], dtype=float32), array([0.          , 1.          , 0.99767214, 0.050
        0.2217151 , 0.961573  ], dtype=float32), array([0.          , 1.          , 0.9971326 , 0.506
        0.6672403 , 0.8188486 ], dtype=float32), array([0.          , 1.          , 0.99320436, 0.666
        0.7773305 , 0.76427114], dtype=float32), array([0.          , 1.          , 0.9459044 , 0.795
        0.92173773, 0.67337483], dtype=float32), array([0.          , 1.          , 0.9414479 , 0.745
        0.8126805 , 0.5914202 ], dtype=float32), array([0.          , 1.          , 0.8124393 , 0.919
        0.9908506 , 0.5594727 ], dtype=float32), array([0.          , 1.          , 0.72410005, 0.899
        0.9628836 , 0.5388907 ], dtype=float32), array([0.          , 1.          , 0.6483819 , 0.630
        0.64559984, 0.29750836], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99857473, 0.30908954, 0.2461775 ,
        0.45081317, 0.8632048 ], dtype=float32), array([0.          , 1.          , 0.99775356, 0.049
        0.22189683, 0.9608252 ], dtype=float32), array([0.          , 1.          , 0.99673873, 0.503
        0.66677165, 0.81883633], dtype=float32), array([0.          , 1.          , 0.993684  , 0.666
        0.7779137 , 0.76537144], dtype=float32), array([0.          , 1.          , 0.937904  , 0.794
        0.92152745, 0.67118824], dtype=float32), array([0.          , 1.          , 0.93286914, 0.746
        0.81341016, 0.59022343], dtype=float32), array([0.          , 1.          , 0.8102955 , 0.920
        0.9913185 , 0.5599317 ], dtype=float32), array([0.          , 1.          , 0.776686  , 0.899
        0.96297055, 0.5382519 ], dtype=float32), array([0.          , 1.          , 0.63825655, 0.630
        0.6458498 , 0.2977029 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985733 , 0.308993  , 0.24637279,
        0.45081392, 0.8629446 ], dtype=float32), array([0.          , 1.          , 0.9977549 , 0.050
        0.22184238, 0.96077013], dtype=float32), array([0.          , 1.          , 0.9961539 , 0.501
        0.66809785, 0.81900144], dtype=float32), array([0.          , 1.          , 0.99403137, 0.666
        0.7782035 , 0.76588964], dtype=float32), array([0.          , 1.          , 0.9513631 , 0.746
        0.81363815, 0.5903996 ], dtype=float32), array([0.          , 1.          , 0.9342943 , 0.793
        0.92162377, 0.67114604], dtype=float32), array([0.          , 1.          , 0.8340174 , 0.921
        0.9920131 , 0.5605343 ], dtype=float32), array([0.          , 1.          , 0.77022016, 0.899
        0.9627905 , 0.5377389 ], dtype=float32), array([0.          , 1.          , 0.6422593 , 0.630
```

```

    0.646022 , 0.29804313], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99859995, 0.3089601 , 0.24621463,
        0.45044675, 0.8640462 ], dtype=float32), array([0.          , 1.          , 0.9978241 , 0.050
        0.2216323 , 0.95892656], dtype=float32), array([0.          , 1.          , 0.99462175, 0.504
        0.670251 , 0.8153837 ], dtype=float32), array([0.          , 1.          , 0.99420255, 0.666
        0.7791684 , 0.7660903 ], dtype=float32), array([0.          , 1.          , 0.9604021 , 0.746
        0.8142928 , 0.59039235], dtype=float32), array([0.          , 1.          , 0.9336609 , 0.793
        0.9216169 , 0.67174375], dtype=float32), array([0.          , 1.          , 0.8587612 , 0.921
        0.9926437 , 0.56038314], dtype=float32), array([0.          , 1.          , 0.7735045 , 0.899
        0.9624259 , 0.5374313 ], dtype=float32), array([0.          , 1.          , 0.6432057 , 0.630
        0.6460759 , 0.29848287], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99854803, 0.30880257, 0.24600652,
        0.45049205, 0.864398  ], dtype=float32), array([0.          , 1.          , 0.9977569 , 0.049
        0.22155327, 0.95904166], dtype=float32), array([0.          , 1.          , 0.9946954 , 0.505
        0.670639 , 0.81163335], dtype=float32), array([0.          , 1.          , 0.99375474, 0.665
        0.77966297, 0.7664685 ], dtype=float32), array([0.          , 1.          , 0.96493095, 0.746
        0.814082 , 0.5907362 ], dtype=float32), array([0.          , 1.          , 0.94261456, 0.792
        0.92118734, 0.6743084 ], dtype=float32), array([0.          , 1.          , 0.8461198 , 0.921
        0.9923324 , 0.56172115], dtype=float32), array([0.          , 1.          , 0.7924296 , 0.899
        0.9624866 , 0.5382235 ], dtype=float32), array([0.          , 1.          , 0.6049759 , 0.630
        0.64656824, 0.29894084], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99862003, 0.30884713, 0.24553415,
        0.4505682 , 0.86185586], dtype=float32), array([0.          , 1.          , 0.99767417, 0.049
        0.22159815, 0.9622307 ], dtype=float32), array([0.          , 1.          , 0.99525166, 0.504
        0.670834 , 0.81290996], dtype=float32), array([0.          , 1.          , 0.993276 , 0.665
        0.7799428 , 0.7660261 ], dtype=float32), array([0.          , 1.          , 0.9668266 , 0.746822
        0.5902616], dtype=float32), array([0.          , 1.          , 0.9460932 , 0.79262376, 0.2513
        0.92108536, 0.67457795], dtype=float32), array([0.          , 1.          , 0.85250956, 0.923
        0.99331343, 0.56142265], dtype=float32), array([0.          , 1.          , 0.8044231 , 0.899
        0.9620421 , 0.53649426], dtype=float32), array([0.          , 1.          , 0.6141305 , 0.630
        0.64651775, 0.29847628], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99866366, 0.308679  , 0.24575701,
        0.45061573, 0.86117125], dtype=float32), array([0.          , 1.          , 0.99774754, 0.049
        0.22153084, 0.9620394 ], dtype=float32), array([0.          , 1.          , 0.99570364, 0.506
        0.67154   , 0.8112141 ], dtype=float32), array([0.          , 1.          , 0.9929537  , 0.666
        0.78070176, 0.76741636], dtype=float32), array([0.          , 1.          , 0.9705166  , 0.746
        0.8144908 , 0.59102833], dtype=float32), array([0.          , 1.          , 0.9466394  , 0.792
        0.92096573, 0.6743561 ], dtype=float32), array([0.          , 1.          , 0.868412   , 0.924
        0.9943074 , 0.5619329 ], dtype=float32), array([0.          , 1.          , 0.81464845, 0.898
        0.96147627, 0.5369985 ], dtype=float32), array([0.          , 1.          , 0.62196696, 0.630
        0.6465448 , 0.29834902], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99855536, 0.30854422, 0.24703416,
        0.45136213, 0.8634237 ], dtype=float32), array([0.          , 1.          , 0.997738   , 0.049
        0.22140363, 0.96272653], dtype=float32), array([0.          , 1.          , 0.99582326, 0.509
        0.671628   , 0.8101593 ], dtype=float32), array([0.          , 1.          , 0.9932768  , 0.666
        0.78093773, 0.7677326 ], dtype=float32), array([0.          , 1.          , 0.963212   , 0.746
        0.8134005 , 0.58975244], dtype=float32), array([0.          , 1.          , 0.9515093 , 0.793032
        0.6740073], dtype=float32), array([0.          , 1.          , 0.8685641 , 0.92417383, 0.2459
        0.99448717, 0.56153244], dtype=float32), array([0.          , 1.          , 0.82483375, 0.898
        0.9616053 , 0.5370486 ], dtype=float32), array([0.          , 1.          , 0.6342761 , 0.630
        0.6465749 , 0.29881275], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985612 , 0.30853844, 0.2478976 ,
        0.4519642 , 0.8630239 ], dtype=float32), array([0.          , 1.          , 0.99768144, 0.049
        0.22145015, 0.9628355 ], dtype=float32), array([0.          , 1.          , 0.99610376, 0.506
        0.6705371 , 0.8111838 ], dtype=float32), array([0.          , 1.          , 0.993543   , 0.666
        0.7806484 , 0.7686876 ], dtype=float32), array([0.          , 1.          , 0.962286   , 0.795776
        0.672715 ], dtype=float32), array([0.          , 1.          , 0.9547978, 0.7477319, 0.2316664,
        0.5912654], dtype=float32), array([0.          , 1.          , 0.83684134, 0.8983049 , 0.2450
        0.9612637 , 0.53637606], dtype=float32), array([0.          , 1.          , 0.82675177, 0.924
        0.9945963 , 0.5611308 ], dtype=float32), array([0.          , 1.          , 0.6369268 , 0.629
        0.6466385 , 0.29912227], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99849653, 0.30925286, 0.24660274,
        0.451285   , 0.8623693  ], dtype=float32), array([0.          , 1.          , 0.99742305, 0.049
        0.2212748 , 0.96682405], dtype=float32), array([0.          , 1.          , 0.99618196, 0.503
        0.6699139 , 0.8126813  ], dtype=float32), array([0.          , 1.          , 0.99348456, 0.666
        0.7810021 , 0.7689816  ], dtype=float32), array([0.          , 1.          , 0.96344036, 0.796
        0.9199845 , 0.6737896  ], dtype=float32), array([0.          , 1.          , 0.94177854, 0.748
        0.81292826, 0.5924259  ], dtype=float32), array([0.          , 1.          , 0.83860505, 0.925
        0.9955519 , 0.56046635], dtype=float32), array([0.          , 1.          , 0.8351204 , 0.898
        0.9610034 , 0.53585577], dtype=float32), array([0.          , 1.          , 0.64643914, 0.629
        0.6466354 , 0.29964152], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984298 , 0.30898994, 0.2453179 ,
        0.45117223, 0.86283827], dtype=float32), array([0.          , 1.          , 0.9974615 , 0.049
        0.2212197 , 0.96758896], dtype=float32), array([0.          , 1.          , 0.9960819 , 0.501
        0.6686339 , 0.81370366], dtype=float32), array([0.          , 1.          , 0.99309266, 0.665
        0.7813742 , 0.76974237], dtype=float32), array([0.          , 1.          , 0.9658157 , 0.796
        0.91982865, 0.67521334], dtype=float32), array([0.          , 1.          , 0.91515577, 0.749
        0.8105699 , 0.5904717  ], dtype=float32), array([0.          , 1.          , 0.84657747, 0.926
        0.9960182 , 0.5604478  ], dtype=float32), array([0.          , 1.          , 0.83189577, 0.897
        0.96089256, 0.53699034], dtype=float32), array([0.          , 1.          , 0.66326606, 0.629
        0.64656204, 0.299632  ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983444 , 0.3095629 , 0.24394155,
        0.4506348 , 0.86349547], dtype=float32), array([0.          , 1.          , 0.99736077, 0.049
        0.22124147, 0.96785676], dtype=float32), array([0.          , 1.          , 0.996089 , 0.499
        0.66846395, 0.8140847  ], dtype=float32), array([0.          , 1.          , 0.9929911 , 0.665
        0.78184295, 0.76995397], dtype=float32), array([0.          , 1.          , 0.96706647, 0.796
        0.919579 , 0.6758958  ], dtype=float32), array([0.          , 1.          , 0.91428536, 0.749
        0.81415266, 0.59488946], dtype=float32), array([0.          , 1.          , 0.8578413 , 0.927
        0.9964719 , 0.5602976  ], dtype=float32), array([0.          , 1.          , 0.8456181 , 0.896
        0.96073145, 0.5375139  ], dtype=float32), array([0.          , 1.          , 0.6576678 , 0.629
        0.646393 , 0.29920635], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982456 , 0.31014585, 0.2437922 ,
        0.4500578 , 0.864416  ], dtype=float32), array([0.          , 1.          , 0.99735284, 0.049
        0.2213043 , 0.96627545], dtype=float32), array([0.          , 1.          , 0.995738 , 0.499
```

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0.66928494, 0.81288326], dtype=float32), array([0.          , 1.          , 0.99295723, 0.665
0.7814029 , 0.7708727 ], dtype=float32), array([0.          , 1.          , 0.9615869, 0.796578
0.6736801], dtype=float32), array([0.          , 1.          , 0.8780121 , 0.7490214 , 0.2361
0.81283915, 0.59366196], dtype=float32), array([0.          , 1.          , 0.8687477 , 0.896
0.96024483, 0.5375116 ], dtype=float32), array([0.          , 1.          , 0.85392576, 0.928
0.9972505 , 0.5601113 ], dtype=float32), array([0.          , 1.          , 0.6403542 , 0.630
0.6466189 , 0.2995152 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9978441 , 0.3125113 , 0.24239615,
0.44823453, 0.86750937], dtype=float32), array([0.          , 1.          , 0.9974016 , 0.049
0.22118336, 0.96477056], dtype=float32), array([0.          , 1.          , 0.99612445, 0.499
0.66859156, 0.81276655], dtype=float32), array([0.          , 1.          , 0.99194044, 0.665
0.7817619 , 0.77144396], dtype=float32), array([0.          , 1.          , 0.9533898 , 0.796
0.9206328 , 0.67140615], dtype=float32), array([0.          , 1.          , 0.8771705 , 0.895
0.95977825, 0.53919154], dtype=float32), array([0.          , 1.          , 0.8483559 , 0.929
0.99752575, 0.55958366], dtype=float32), array([0.          , 1.          , 0.8026505 , 0.747
0.81157047, 0.5896827 ], dtype=float32), array([0.          , 1.          , 0.64063394, 0.630
0.646693 , 0.29943034], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99758923, 0.31391722, 0.24255806,
0.4467181 , 0.8684606 ], dtype=float32), array([0.          , 1.          , 0.9974355 , 0.050
0.22112907, 0.96497613], dtype=float32), array([0.          , 1.          , 0.99645245, 0.498
0.668751 , 0.8137747 ], dtype=float32), array([0.          , 1.          , 0.991206 , 0.664
0.78190315, 0.77185166], dtype=float32), array([0.          , 1.          , 0.95028126, 0.796
0.92049253, 0.6712073 ], dtype=float32), array([0.          , 1.          , 0.8618946 , 0.895
0.9593384 , 0.53896123], dtype=float32), array([0.          , 1.          , 0.85998255, 0.928
0.997365 , 0.5593 ], dtype=float32), array([0.          , 1.          , 0.7729153 , 0.746
0.8108229 , 0.58872247], dtype=float32), array([0.          , 1.          , 0.6492464 , 0.629
0.6467947 , 0.29962647], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9974112 , 0.04995644, 0.2614417 ,
0.22126403, 0.9651437 ], dtype=float32), array([0.          , 1.          , 0.9973925 , 0.320
0.44609305, 0.86721134], dtype=float32), array([0.          , 1.          , 0.9966569 , 0.498
0.6675921 , 0.8147154 ], dtype=float32), array([0.          , 1.          , 0.989912 , 0.665
0.78233284, 0.7712903 ], dtype=float32), array([0.          , 1.          , 0.9531636 , 0.797
0.92031604, 0.67109454], dtype=float32), array([0.          , 1.          , 0.8765306 , 0.928

```

```

0.9974981 , 0.5596391 ], dtype=float32), array([0.          , 1.          , 0.85854447, 0.896
0.9590204 , 0.53841114], dtype=float32), array([0.          , 1.          , 0.73088896, 0.746
0.80996567, 0.58868134], dtype=float32), array([0.          , 1.          , 0.6824948 , 0.629
0.64661163, 0.29985142], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975268 , 0.32051057, 0.25347194,
0.4460404 , 0.8684014 ], dtype=float32), array([0.          , 1.          , 0.9974731 , 0.049
0.22129077, 0.96163535], dtype=float32), array([0.          , 1.          , 0.9970022 , 0.498
0.66573703, 0.8202036 ], dtype=float32), array([0.          , 1.          , 0.98936313, 0.665
0.7825716 , 0.772125  ], dtype=float32), array([0.          , 1.          , 0.9523066 , 0.797
0.9204286 , 0.6709121 ], dtype=float32), array([0.          , 1.          , 0.8561258 , 0.897
0.95996815, 0.5402328 ], dtype=float32), array([0.          , 1.          , 0.82755613, 0.927
0.99641204, 0.56156576], dtype=float32), array([0.          , 1.          , 0.69149864, 0.629
0.6467231 , 0.3003621 ], dtype=float32), array([0.          , 1.          , 0.66086066, 0.745
0.80943847, 0.58838826], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99746335, 0.05018516, 0.26191762,
0.22124965, 0.96017385], dtype=float32), array([0.          , 1.          , 0.99736685, 0.320
0.44548568, 0.86923385], dtype=float32), array([0.          , 1.          , 0.9970893 , 0.500
0.6661408 , 0.82069373], dtype=float32), array([0.          , 1.          , 0.98956025, 0.663
0.782573  , 0.7722496 ], dtype=float32), array([0.          , 1.          , 0.95245606, 0.796
0.920629  , 0.67410517], dtype=float32), array([0.          , 1.          , 0.868759  , 0.897
0.9604303 , 0.54022145], dtype=float32), array([0.          , 1.          , 0.7992137 , 0.927
0.99573565, 0.56113666], dtype=float32), array([0.          , 1.          , 0.66678685, 0.748
0.80816066, 0.5811514 ], dtype=float32), array([0.          , 1.          , 0.6406157, 0.629513
0.299246 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9976648 , 0.5014769 , 0.2167215 ,
0.66517353, 0.8208375 ], dtype=float32), array([0.          , 1.          , 0.9974961 , 0.320
0.44586784, 0.86933994], dtype=float32), array([0.          , 1.          , 0.9974336 , 0.049
0.2212384 , 0.9629561 ], dtype=float32), array([0.          , 1.          , 0.9897273 , 0.663
0.7824217 , 0.77177167], dtype=float32), array([0.          , 1.          , 0.954381  , 0.796
0.9204079 , 0.67282873], dtype=float32), array([0.          , 1.          , 0.8456947 , 0.897
0.9603577 , 0.5387186 ], dtype=float32), array([0.          , 1.          , 0.82882917, 0.926
0.9957528 , 0.5603362 ], dtype=float32), array([0.          , 1.          , 0.67767066, 0.629
0.6467773 , 0.30028287], dtype=float32)]

```



```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99807173, 0.49766335, 0.21754733,
        0.6638981 , 0.8213942 ], dtype=float32), array([0.          , 1.          , 0.9974316 , 0.320
        0.44486564, 0.8708904 ], dtype=float32), array([0.          , 1.          , 0.99740386, 0.049
        0.22107646, 0.9634538 ], dtype=float32), array([0.          , 1.          , 0.9890393 , 0.664
        0.7827714 , 0.7728094 ], dtype=float32), array([0.          , 1.          , 0.95740724, 0.797
        0.9211436 , 0.67217344], dtype=float32), array([0.          , 1.          , 0.8320714 , 0.925
        0.99508303, 0.5577509 ], dtype=float32), array([0.          , 1.          , 0.8254546 , 0.897
        0.9607702 , 0.53785485], dtype=float32), array([0.          , 1.          , 0.6105731, 0.629950
        0.2984076], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981298 , 0.49820834, 0.21686068,
        0.6634982 , 0.82373166], dtype=float32), array([0.          , 1.          , 0.9975073 , 0.320
        0.4441359 , 0.86714625], dtype=float32), array([0.          , 1.          , 0.9974234 , 0.050
        0.22099239, 0.96267056], dtype=float32), array([0.          , 1.          , 0.9895057, 0.663955
        0.7730197], dtype=float32), array([0.          , 1.          , 0.95425236, 0.7959835 , 0.2573
        0.9207185 , 0.6742631 ], dtype=float32), array([0.          , 1.          , 0.8760222 , 0.926
        0.99544096, 0.55972683], dtype=float32), array([0.          , 1.          , 0.81682616, 0.897
        0.9604361 , 0.5375854 ], dtype=float32), array([0.          , 1.          , 0.6012947 , 0.630
        0.6469214 , 0.29806268], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980065 , 0.4972723 , 0.21891055,
        0.66255766, 0.8226867 ], dtype=float32), array([0.          , 1.          , 0.9975025 , 0.049
        0.22128293, 0.9635479 ], dtype=float32), array([0.          , 1.          , 0.99742615, 0.320
        0.44402632, 0.866648 ], dtype=float32), array([0.          , 1.          , 0.98963517, 0.662
        0.78510785, 0.77319175], dtype=float32), array([0.          , 1.          , 0.95888996, 0.796
        0.92062044, 0.67413163], dtype=float32), array([0.          , 1.          , 0.82738596, 0.926
        0.9943473 , 0.5590118 ], dtype=float32), array([0.          , 1.          , 0.8230819 , 0.897
        0.9598251 , 0.53750813], dtype=float32), array([0.          , 1.          , 0.62160426, 0.629
        0.64667207, 0.29928076], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981597 , 0.5059268 , 0.21794158,

```

```

0.6632119 , 0.8222571 ], dtype=float32), array([0.          , 1.          , 0.9975279 , 0.049
0.22129613, 0.96075064], dtype=float32), array([0.          , 1.          , 0.99725395, 0.320
0.4438364 , 0.8679372 ], dtype=float32), array([0.          , 1.          , 0.9897537 , 0.661
0.78419703, 0.76979864], dtype=float32), array([0.          , 1.          , 0.95583034, 0.795
0.9207874 , 0.67424214], dtype=float32), array([0.          , 1.          , 0.8205165 , 0.898
0.9605246 , 0.5380139 ], dtype=float32), array([0.          , 1.          , 0.7584436 , 0.924
0.99240094, 0.5584457 ], dtype=float32), array([0.          , 1.          , 0.6370055 , 0.629
0.6465583 , 0.2994958 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99848527, 0.5084184 , 0.21939707,
0.6629968 , 0.8240137 ], dtype=float32), array([0.          , 1.          , 0.99756885, 0.049
0.22122861, 0.9620861 ], dtype=float32), array([0.          , 1.          , 0.9975299 , 0.320
0.444589 , 0.86739445], dtype=float32), array([0.          , 1.          , 0.9896163 , 0.661
0.78425825, 0.76990354], dtype=float32), array([0.          , 1.          , 0.9572728 , 0.795
0.92122775, 0.6749048 ], dtype=float32), array([0.          , 1.          , 0.8422314 , 0.898
0.960624 , 0.5392028 ], dtype=float32), array([0.          , 1.          , 0.76092684, 0.924
0.99249965, 0.5600189 ], dtype=float32), array([0.          , 1.          , 0.6497099 , 0.629
0.64611745, 0.3001681 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99790084, 0.5094908 , 0.21840143,
0.6649744 , 0.8250799 ], dtype=float32), array([0.          , 1.          , 0.99761236, 0.049
0.22144103, 0.9607309 ], dtype=float32), array([0.          , 1.          , 0.9975025 , 0.320
0.44476366, 0.86443067], dtype=float32), array([0.          , 1.          , 0.99009645, 0.663
0.78558856, 0.7739502 ], dtype=float32), array([0.          , 1.          , 0.9563619 , 0.794
0.9207343 , 0.6748085 ], dtype=float32), array([0.          , 1.          , 0.84178025, 0.898
0.96076906, 0.5388868 ], dtype=float32), array([0.          , 1.          , 0.7238551 , 0.923
0.9917723 , 0.55980766], dtype=float32), array([0.          , 1.          , 0.6443975 , 0.629
0.6464366 , 0.30036026], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.997626 , 0.04972426, 0.26170594,
0.22113773, 0.96038944], dtype=float32), array([0.          , 1.          , 0.99749845, 0.321
0.4449476 , 0.86495864], dtype=float32), array([0.          , 1.          , 0.9973047 , 0.511
0.66782635, 0.82693744], dtype=float32), array([0.          , 1.          , 0.9899496 , 0.662
0.7857492 , 0.773072 ], dtype=float32), array([0.          , 1.          , 0.95768464, 0.794
0.9207399 , 0.6726961 ], dtype=float32), array([0.          , 1.          , 0.87736195, 0.898
0.95998126, 0.5398323 ], dtype=float32), array([0.          , 1.          , 0.7360144 , 0.926

```

```

0.99382246, 0.5617143 ], dtype=float32), array([0.          , 1.          , 0.72827655, 0.747
0.8066383 , 0.5745745 ], dtype=float32), array([0.          , 1.          , 0.6561405 , 0.629
0.646392   , 0.30193126], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99785775, 0.32050467, 0.250969   ,
0.4465313 , 0.86318773], dtype=float32), array([0.          , 1.          , 0.9976494 , 0.049
0.22112608, 0.9603567 ], dtype=float32), array([0.          , 1.          , 0.9971941 , 0.521
0.6695076 , 0.8173475 ], dtype=float32), array([0.          , 1.          , 0.9906294 , 0.662
0.78585184, 0.7728884 ], dtype=float32), array([0.          , 1.          , 0.95654774, 0.794
0.92104864, 0.672963   ], dtype=float32), array([0.          , 1.          , 0.8805747 , 0.898
0.95926154, 0.53793293], dtype=float32), array([0.          , 1.          , 0.7641466 , 0.928
0.99495405, 0.562002   ], dtype=float32), array([0.          , 1.          , 0.71136093, 0.748
0.8064868 , 0.57606983], dtype=float32), array([0.          , 1.          , 0.6828485 , 0.629
0.64628905, 0.3020852 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984005 , 0.32218868, 0.25192624,
0.4522739 , 0.85571414], dtype=float32), array([0.          , 1.          , 0.997624   , 0.049
0.22121407, 0.96064854], dtype=float32), array([0.          , 1.          , 0.9967512 , 0.524
0.66863436, 0.8163812 ], dtype=float32), array([0.          , 1.          , 0.99059784, 0.663
0.7857598 , 0.77331936], dtype=float32), array([0.          , 1.          , 0.9607072 , 0.794
0.92044187, 0.6727838 ], dtype=float32), array([0.          , 1.          , 0.88140136, 0.899
0.95948243, 0.5396041 ], dtype=float32), array([0.          , 1.          , 0.81120646, 0.748
0.8078056 , 0.57959527], dtype=float32), array([0.          , 1.          , 0.7630576 , 0.926
0.9934528 , 0.5625734 ], dtype=float32), array([0.          , 1.          , 0.6834504 , 0.629
0.6464191 , 0.30247238], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985856 , 0.32068652, 0.24625325,
0.45870334, 0.8562305 ], dtype=float32), array([0.          , 1.          , 0.99772507, 0.049
0.22122893, 0.9617629 ], dtype=float32), array([0.          , 1.          , 0.99579936, 0.527
0.66884786, 0.81668913], dtype=float32), array([0.          , 1.          , 0.9902053 , 0.663
0.78552   , 0.77344245], dtype=float32), array([0.          , 1.          , 0.9607091 , 0.795
0.92047226, 0.673565   ], dtype=float32), array([0.          , 1.          , 0.8601116 , 0.898
0.95940024, 0.53780097], dtype=float32), array([0.          , 1.          , 0.76013935, 0.748
0.8079585 , 0.57998985], dtype=float32), array([0.          , 1.          , 0.724234   , 0.926
0.99320364, 0.5617421 ], dtype=float32), array([0.          , 1.          , 0.6836616 , 0.629
0.6464366 , 0.30252713], dtype=float32)]

```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977483 , 0.04952241, 0.2624038 ,
        0.22119455, 0.9586534 ], dtype=float32), array([0.          , 1.          , 0.9973616 , 0.319
        0.4711951 , 0.86616254], dtype=float32), array([0.          , 1.          , 0.99481356, 0.528
        0.6694417 , 0.8145597 ], dtype=float32), array([0.          , 1.          , 0.9904148 , 0.663
        0.7851543 , 0.7739298 ], dtype=float32), array([0.          , 1.          , 0.9598679 , 0.795
        0.9206405 , 0.67354524], dtype=float32), array([0.          , 1.          , 0.86503327, 0.898
        0.960012  , 0.5405199 ], dtype=float32), array([0.          , 1.          , 0.8135759 , 0.748
        0.807814  , 0.57946455], dtype=float32), array([0.          , 1.          , 0.7177074 , 0.629
        0.64607894, 0.30300322], dtype=float32), array([0.          , 1.          , 0.6956209 , 0.923
        0.99076635, 0.5623064 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977508 , 0.04939638, 0.26296374,
        0.22147478, 0.95880723], dtype=float32), array([0.          , 1.          , 0.9969338 , 0.319
        0.47684115, 0.86498094], dtype=float32), array([0.          , 1.          , 0.9948466 , 0.530
        0.66942203, 0.81304586], dtype=float32), array([0.          , 1.          , 0.98978055, 0.663
        0.7844703 , 0.77360654], dtype=float32), array([0.          , 1.          , 0.9592127 , 0.796
        0.9204505 , 0.67234576], dtype=float32), array([0.          , 1.          , 0.8684153 , 0.899
        0.9604457 , 0.5399182 ], dtype=float32), array([0.          , 1.          , 0.8070342 , 0.750
        0.8102693 , 0.58237743], dtype=float32), array([0.          , 1.          , 0.69624645, 0.629
        0.646017  , 0.30209377], dtype=float32), array([0.          , 1.          , 0.6762928 , 0.922
        0.9899736 , 0.56111866], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977112 , 0.04950377, 0.26487464,
        0.22155088, 0.95851  ], dtype=float32), array([0.          , 1.          , 0.99624074, 0.319
        0.48366725, 0.86383146], dtype=float32), array([0.          , 1.          , 0.99571145, 0.529
        0.66994464, 0.8120069 ], dtype=float32), array([0.          , 1.          , 0.9903268 , 0.663
        0.7840452 , 0.7731681 ], dtype=float32), array([0.          , 1.          , 0.961536  , 0.797
        0.9204343 , 0.6726413 ], dtype=float32), array([0.          , 1.          , 0.874859  , 0.899
        0.9603596 , 0.54117346], dtype=float32), array([0.          , 1.          , 0.8500482 , 0.750
        0.8104081 , 0.58352053], dtype=float32), array([0.          , 1.          , 0.72268015, 0.922
        0.989281  , 0.5617985 ], dtype=float32), array([0.          , 1.          , 0.68820035, 0.629
        0.6460601 , 0.30192342], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9976158 , 0.04825312, 0.26718777,
        0.22608984, 0.97214097], dtype=float32), array([0.          , 1.          , 0.99700195, 0.318
        0.48158348, 0.8645667 ], dtype=float32), array([0.          , 1.          , 0.9964258 , 0.528
        0.66946644, 0.81151724], dtype=float32), array([0.          , 1.          , 0.99067575, 0.664
        0.7841973 , 0.77346456], dtype=float32), array([0.          , 1.          , 0.96199137, 0.797
        0.92056686, 0.67318374], dtype=float32), array([0.          , 1.          , 0.8515448 , 0.897
        0.9590889 , 0.5396576 ], dtype=float32), array([0.          , 1.          , 0.79512525, 0.749
        0.80900776, 0.58261615], dtype=float32), array([0.          , 1.          , 0.74594086, 0.924
        0.9921974 , 0.56262255], dtype=float32), array([0.          , 1.          , 0.67956567, 0.629
        0.64600056, 0.30134702], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9978965 , 0.04741791, 0.2679537 ,
        0.2267355 , 0.96928936], dtype=float32), array([0.          , 1.          , 0.9977633 , 0.318
        0.4763112 , 0.863989 ], dtype=float32), array([0.          , 1.          , 0.99663645, 0.530
        0.6693565 , 0.8098873 ], dtype=float32), array([0.          , 1.          , 0.9908405 , 0.664
        0.7822346 , 0.76805305], dtype=float32), array([0.          , 1.          , 0.9596607 , 0.796
        0.92115897, 0.67201316], dtype=float32), array([0.          , 1.          , 0.84236604, 0.898
        0.9605909 , 0.54104096], dtype=float32), array([0.          , 1.          , 0.83076435, 0.750
        0.8092642 , 0.5829299 ], dtype=float32), array([0.          , 1.          , 0.73099697, 0.921
        0.9905359 , 0.5617169 ], dtype=float32), array([0.          , 1.          , 0.6939906 , 0.629
        0.6458127 , 0.3016998 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9978605 , 0.04771155 , 0.2696141 ,
        0.22692649, 0.969393 ], dtype=float32), array([0.          , 1.          , 0.997781 , 0.317
        0.47601974, 0.86399007], dtype=float32), array([0.          , 1.          , 0.9971077 , 0.529
        0.6698127 , 0.81202793], dtype=float32), array([0.          , 1.          , 0.99075764, 0.664
        0.7823845 , 0.768448 ], dtype=float32), array([0.          , 1.          , 0.9551269 , 0.796
        0.9217866 , 0.6720763 ], dtype=float32), array([0.          , 1.          , 0.7876238 , 0.898
        0.96105695, 0.5402385 ], dtype=float32), array([0.          , 1.          , 0.7770104 , 0.921
        0.9910559 , 0.561198 ], dtype=float32), array([0.          , 1.          , 0.75099444, 0.748
        0.8076492 , 0.58399886], dtype=float32), array([0.          , 1.          , 0.6982244 , 0.629
        0.6460277 , 0.30122566], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9981654 , 0.3156551 , 0.24805418,
```

```

0.46930277, 0.8655776 ], dtype=float32), array([0.          , 1.          , 0.9979032 , 0.047
0.22727263, 0.9688588 ], dtype=float32), array([0.          , 1.          , 0.9973894 , 0.529
0.671124   , 0.81183314], dtype=float32), array([0.          , 1.          , 0.9916847 , 0.667
0.7818777  , 0.77556   ], dtype=float32), array([0.          , 1.          , 0.9565261 , 0.796
0.92173225, 0.6723745 ], dtype=float32), array([0.          , 1.          , 0.79376835, 0.748
0.80741763, 0.5836239 ], dtype=float32), array([0.          , 1.          , 0.79097736, 0.899
0.9615938  , 0.5415716 ], dtype=float32), array([0.          , 1.          , 0.6887644 , 0.918663
0.5610155], dtype=float32), array([0.          , 1.          , 0.682906  , 0.6293749 , 0.2322
0.6461596 , 0.30113292], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9977994 , 0.52663016, 0.21771732,
0.6713196 , 0.8135371 ], dtype=float32), array([0.          , 1.          , 0.997586  , 0.313
0.47183812, 0.8635624 ], dtype=float32), array([0.          , 1.          , 0.9975738 , 0.049
0.22694157, 0.9700208 ], dtype=float32), array([0.          , 1.          , 0.99201715, 0.668
0.781008   , 0.77427053], dtype=float32), array([0.          , 1.          , 0.9512123 , 0.795
0.9217517  , 0.67168665], dtype=float32), array([0.          , 1.          , 0.8091427 , 0.899
0.9613893  , 0.54249656], dtype=float32), array([0.          , 1.          , 0.75286955, 0.920
0.9899318  , 0.5648949 ], dtype=float32), array([0.          , 1.          , 0.74331546, 0.748
0.80657256, 0.5816549 ], dtype=float32), array([0.          , 1.          , 0.6492416 , 0.629
0.64607537, 0.3010891 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99770826, 0.5247186 , 0.21808732,
0.6711404 , 0.8123692 ], dtype=float32), array([0.          , 1.          , 0.9975731 , 0.310
0.47103882, 0.86262774], dtype=float32), array([0.          , 1.          , 0.99753314, 0.050
0.2225017  , 0.95541227], dtype=float32), array([0.          , 1.          , 0.9921638 , 0.668
0.78060675, 0.7732625 ], dtype=float32), array([0.          , 1.          , 0.95162255, 0.794
0.92189896, 0.6721907 ], dtype=float32), array([0.          , 1.          , 0.8058223 , 0.748
0.8072382  , 0.581336  ], dtype=float32), array([0.          , 1.          , 0.80023634, 0.900
0.9632658  , 0.54357624], dtype=float32), array([0.          , 1.          , 0.65336984, 0.629
0.6456878  , 0.30112207], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99776924, 0.05094876, 0.26633245,
0.22265998, 0.95614725], dtype=float32), array([0.          , 1.          , 0.9976115 , 0.524
0.6712215  , 0.81237197], dtype=float32), array([0.          , 1.          , 0.99758816, 0.309
0.4707686  , 0.86218137], dtype=float32), array([0.          , 1.          , 0.9924735 , 0.666
0.7801053  , 0.7725378 ], dtype=float32), array([0.          , 1.          , 0.9530511 , 0.795

```

```

0.921515 , 0.6719145 ], dtype=float32), array([0.          , 1.          , 0.75901157, 0.747
0.80661315, 0.58178747], dtype=float32), array([0.          , 1.          , 0.75620234, 0.899
0.9634045 , 0.5429995 ], dtype=float32), array([0.          , 1.          , 0.62610054, 0.629
0.6463719 , 0.3009194 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99778634, 0.52454823, 0.21952474,
0.6710071 , 0.8132701 ], dtype=float32), array([0.          , 1.          , 0.9975557 , 0.051
0.22232714, 0.9561868 ], dtype=float32), array([0.          , 1.          , 0.99727315, 0.309
0.47314477, 0.8631102 ], dtype=float32), array([0.          , 1.          , 0.9922396 , 0.667
0.7801938 , 0.77179193], dtype=float32), array([0.          , 1.          , 0.95471925, 0.794
0.9213148 , 0.6721809 ], dtype=float32), array([0.          , 1.          , 0.7973609 , 0.900
0.96403897, 0.5422683 ], dtype=float32), array([0.          , 1.          , 0.76321024, 0.747
0.806073 , 0.5807418 ], dtype=float32), array([0.          , 1.          , 0.66907454, 0.629
0.6455896 , 0.30077848], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9979917 , 0.0539097 , 0.26485544,
0.22203058, 0.9567695 ], dtype=float32), array([0.          , 1.          , 0.99793637, 0.309
0.4721517 , 0.86464745], dtype=float32), array([0.          , 1.          , 0.99777293, 0.525
0.670183 , 0.8136704 ], dtype=float32), array([0.          , 1.          , 0.9928685 , 0.667
0.7801425 , 0.77175313], dtype=float32), array([0.          , 1.          , 0.95359814, 0.794
0.9213368 , 0.6725831 ], dtype=float32), array([0.          , 1.          , 0.8968887 , 0.900
0.9641101 , 0.54417086], dtype=float32), array([0.          , 1.          , 0.79630977, 0.745
0.80549157, 0.5813133 ], dtype=float32), array([0.          , 1.          , 0.64596707, 0.629
0.6460377 , 0.30045295], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99824536, 0.05549834, 0.26617143,
0.22246909, 0.95720124], dtype=float32), array([0.          , 1.          , 0.9978782 , 0.309
0.4739387 , 0.8627083 ], dtype=float32), array([0.          , 1.          , 0.99782026, 0.525
0.67058367, 0.8113344 ], dtype=float32), array([0.          , 1.          , 0.9938068 , 0.668
0.77946824, 0.7723726 ], dtype=float32), array([0.          , 1.          , 0.9564356 , 0.794
0.9210093 , 0.6734201 ], dtype=float32), array([0.          , 1.          , 0.90282446, 0.901
0.9634593 , 0.5433753 ], dtype=float32), array([0.          , 1.          , 0.80236673, 0.746
0.80575037, 0.5817498 ], dtype=float32), array([0.          , 1.          , 0.65095115, 0.629
0.6457023 , 0.30013004], dtype=float32), array([0.          , 1.          , 0.63125557, 0.956
1.0000061 , 0.5739628 ], dtype=float32)]
Total People in frame = 9

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99819714, 0.05598406, 0.2657918 ,
        0.2219777 , 0.95799565], dtype=float32), array([0.          , 1.          , 0.99812514, 0.309
        0.47207886, 0.8630473 ], dtype=float32), array([0.          , 1.          , 0.99775726, 0.523
        0.6710677 , 0.81358314], dtype=float32), array([0.          , 1.          , 0.9938227 , 0.667
        0.779254 , 0.7716982 ], dtype=float32), array([0.          , 1.          , 0.9585667 , 0.794
        0.9208831 , 0.6743568 ], dtype=float32), array([0.          , 1.          , 0.8829331 , 0.900
        0.9619884 , 0.54210925], dtype=float32), array([0.          , 1.          , 0.6955323 , 0.745
        0.80566984, 0.58371735], dtype=float32), array([0.          , 1.          , 0.68989605, 0.955
        0.9998109 , 0.57220685], dtype=float32), array([0.          , 1.          , 0.6399515 , 0.629
        0.6461817 , 0.2998949 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99832034, 0.05695414, 0.26611665,
        0.22102317, 0.95873487], dtype=float32), array([0.          , 1.          , 0.9979955 , 0.310
        0.47279567, 0.86260176], dtype=float32), array([0.          , 1.          , 0.997781 , 0.522
        0.67086875, 0.81242 ], dtype=float32), array([0.          , 1.          , 0.99430835, 0.668
        0.7782335 , 0.7700342 ], dtype=float32), array([0.          , 1.          , 0.95777833, 0.794
        0.9207948 , 0.6734425 ], dtype=float32), array([0.          , 1.          , 0.88441783, 0.900
        0.96216244, 0.54193676], dtype=float32), array([0.          , 1.          , 0.7749252 , 0.747
        0.8060406 , 0.5814492 ], dtype=float32), array([0.          , 1.          , 0.71350276, 0.955
        0.9996547 , 0.5729933 ], dtype=float32), array([0.          , 1.          , 0.63622504, 0.629
        0.64599615, 0.3004993 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99829656, 0.05678666, 0.26595882,
        0.2207669 , 0.95800114], dtype=float32), array([0.          , 1.          , 0.9980629 , 0.310
        0.47025073, 0.86276436], dtype=float32), array([0.          , 1.          , 0.9978446 , 0.522
        0.6709686 , 0.812626 ], dtype=float32), array([0.          , 1.          , 0.9945338 , 0.668
        0.7773543 , 0.7683648 ], dtype=float32), array([0.          , 1.          , 0.9562071 , 0.794
        0.92061496, 0.6731517 ], dtype=float32), array([0.          , 1.          , 0.7972025 , 0.900
        0.9611913 , 0.5403508 ], dtype=float32), array([0.          , 1.          , 0.74362665, 0.746
        0.8061631 , 0.5806254 ], dtype=float32), array([0.          , 1.          , 0.7142915 , 0.955
        0.9996698 , 0.5729685 ], dtype=float32), array([0.          , 1.          , 0.62346524, 0.629
        0.6461986 , 0.30001822], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2



Running Inference

```
[array([0.          , 1.          , 0.99815995, 0.05691502, 0.26763478,
        0.2213158 , 0.95960593], dtype=float32), array([0.          , 1.          , 0.99787295, 0.521
        0.67051727, 0.81168777], dtype=float32), array([0.          , 1.          , 0.9974972 , 0.309
        0.47638178, 0.86201596], dtype=float32), array([0.          , 1.          , 0.9948147 , 0.669
        0.7767461 , 0.7682326 ], dtype=float32), array([0.          , 1.          , 0.95474833, 0.793
        0.9215242 , 0.67298573], dtype=float32), array([0.          , 1.          , 0.8509252 , 0.746
        0.80633074, 0.5840198 ], dtype=float32), array([0.          , 1.          , 0.7098481 , 0.921
        0.9890188 , 0.5542626 ], dtype=float32), array([0.          , 1.          , 0.6620567 , 0.899
        0.9619417 , 0.54005086], dtype=float32), array([0.          , 1.          , 0.6084275 , 0.629
        0.6461434 , 0.30122346], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.998122 , 0.05684642, 0.26768252,
        0.22129244, 0.959023 ], dtype=float32), array([0.          , 1.          , 0.99771595, 0.521
        0.6706061 , 0.81296444], dtype=float32), array([0.          , 1.          , 0.99761665, 0.309
        0.47230044, 0.8627431 ], dtype=float32), array([0.          , 1.          , 0.99459946, 0.668
        0.7764801 , 0.7686995 ], dtype=float32), array([0.          , 1.          , 0.95585614, 0.794
        0.9216829 , 0.6738404 ], dtype=float32), array([0.          , 1.          , 0.8226677 , 0.746
        0.80567193, 0.58520114], dtype=float32), array([0.          , 1.          , 0.7037569 , 0.918
        0.98679423, 0.55421615], dtype=float32), array([0.          , 1.          , 0.63397807, 0.629
        0.64630145, 0.3006957 ], dtype=float32), array([0.          , 1.          , 0.6121237 , 0.955
        0.999697 , 0.5702505 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980126 , 0.05633982, 0.2665586 ,
        0.22120987, 0.958183 ], dtype=float32), array([0.          , 1.          , 0.9976444 , 0.311
        0.46744263, 0.86222374], dtype=float32), array([0.          , 1.          , 0.9975957 , 0.520874
        0.8124175], dtype=float32), array([0.          , 1.          , 0.994599 , 0.66872066, 0.2436
        0.776334 , 0.76874065], dtype=float32), array([0.          , 1.          , 0.9579261 , 0.794
        0.92134804, 0.6730871 ], dtype=float32), array([0.          , 1.          , 0.8637391 , 0.747
        0.80651015, 0.5863971 ], dtype=float32), array([0.          , 1.          , 0.68961585, 0.902
        0.96155626, 0.5385138 ], dtype=float32), array([0.          , 1.          , 0.6703175 , 0.956
        0.9995103 , 0.5697166 ], dtype=float32), array([0.          , 1.          , 0.6332472 , 0.629
        0.64616054, 0.30078587], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99806637, 0.05629953, 0.2671794 ,
        0.22165373, 0.9566972 ], dtype=float32), array([0.          , 1.          , 0.9977987 , 0.312
```

```

0.4634633 , 0.8597834 ], dtype=float32), array([0.          , 1.          , 0.9976309 , 0.520
0.6703824 , 0.8131746 ], dtype=float32), array([0.          , 1.          , 0.9944635 , 0.668
0.7764309 , 0.769577  ], dtype=float32), array([0.          , 1.          , 0.95376855, 0.794
0.9213973 , 0.6736204 ], dtype=float32), array([0.          , 1.          , 0.85739255, 0.747
0.80659205, 0.5878306 ], dtype=float32), array([0.          , 1.          , 0.70050377, 0.901
0.96219116, 0.5425573 ], dtype=float32), array([0.          , 1.          , 0.6712261 , 0.957
0.999863  , 0.56985533], dtype=float32), array([0.          , 1.          , 0.6355289 , 0.629
0.6462747 , 0.30013505], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980082 , 0.31340837, 0.24786228,
0.46190983, 0.85928184], dtype=float32), array([0.          , 1.          , 0.99790716, 0.055
0.22132546, 0.95495105], dtype=float32), array([0.          , 1.          , 0.9977219 , 0.522
0.67111623, 0.81406206], dtype=float32), array([0.          , 1.          , 0.9944977 , 0.668
0.7762315 , 0.7678211 ], dtype=float32), array([0.          , 1.          , 0.95639133, 0.793
0.9214277 , 0.6747671 ], dtype=float32), array([0.          , 1.          , 0.8580197 , 0.747
0.806355  , 0.58819854], dtype=float32), array([0.          , 1.          , 0.72487843, 0.917
0.9850535 , 0.5557839 ], dtype=float32), array([0.          , 1.          , 0.6659286 , 0.956
0.9999509 , 0.57011616], dtype=float32), array([0.          , 1.          , 0.6392835 , 0.629
0.6459737 , 0.30057347], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981336 , 0.31308323, 0.24755606,
0.46194994, 0.85828006], dtype=float32), array([0.          , 1.          , 0.9975867 , 0.054
0.22020999, 0.9543382 ], dtype=float32), array([0.          , 1.          , 0.99757963, 0.522
0.6712836 , 0.81381196], dtype=float32), array([0.          , 1.          , 0.9942048 , 0.668
0.7763472 , 0.7684734 ], dtype=float32), array([0.          , 1.          , 0.9526714, 0.794464
0.6729915], dtype=float32), array([0.          , 1.          , 0.8410069 , 0.74705565, 0.2464
0.80601406, 0.5892131 ], dtype=float32), array([0.          , 1.          , 0.8144972 , 0.918
0.9878597 , 0.55366004], dtype=float32), array([0.          , 1.          , 0.6249774 , 0.630
0.6463543 , 0.30008686], dtype=float32), array([0.          , 1.          , 0.6005813 , 0.899
0.9597562 , 0.53439283], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981519 , 0.31268042, 0.24841669,
0.46305162, 0.85874593], dtype=float32), array([0.          , 1.          , 0.9974462 , 0.525
0.6711166 , 0.8148631 ], dtype=float32), array([0.          , 1.          , 0.9974047 , 0.054
0.22107035, 0.95480126], dtype=float32), array([0.          , 1.          , 0.99418867, 0.668
0.7762164 , 0.7681494 ], dtype=float32), array([0.          , 1.          , 0.95480585, 0.793

```

```

0.921107 , 0.6751512 ], dtype=float32), array([0.          , 1.          , 0.8552563 , 0.747
0.8059426 , 0.58699447], dtype=float32), array([0.          , 1.          , 0.76521695, 0.917
0.9858379 , 0.55101895], dtype=float32), array([0.          , 1.          , 0.6591167 , 0.629
0.64605165, 0.3006172 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998206 , 0.31290826, 0.25022492,
0.4597868 , 0.8596839 ], dtype=float32), array([0.          , 1.          , 0.9974464 , 0.524
0.6707314 , 0.813506 ], dtype=float32), array([0.          , 1.          , 0.99744034, 0.053
0.22122335, 0.95319384], dtype=float32), array([0.          , 1.          , 0.9942847 , 0.668
0.77638334, 0.76848716], dtype=float32), array([0.          , 1.          , 0.9515292 , 0.793
0.92101175, 0.67449576], dtype=float32), array([0.          , 1.          , 0.8072514 , 0.746
0.80490667, 0.5866972 ], dtype=float32), array([0.          , 1.          , 0.71715647, 0.917
0.98624206, 0.5507888 ], dtype=float32), array([0.          , 1.          , 0.6002108 , 0.630
0.64636177, 0.30013418], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983335 , 0.31405422, 0.25176612,
0.4564474 , 0.8594501 ], dtype=float32), array([0.          , 1.          , 0.99751914, 0.526
0.6701764 , 0.8124199 ], dtype=float32), array([0.          , 1.          , 0.9974246 , 0.053
0.22122721, 0.9523009 ], dtype=float32), array([0.          , 1.          , 0.9942925 , 0.668
0.7762974 , 0.76786226], dtype=float32), array([0.          , 1.          , 0.9524235 , 0.792
0.9204528 , 0.67482245], dtype=float32), array([0.          , 1.          , 0.82911277, 0.746
0.8050586 , 0.58405954], dtype=float32), array([0.          , 1.          , 0.79325145, 0.919
0.987571 , 0.55423623], dtype=float32), array([0.          , 1.          , 0.64385253, 0.629
0.6458957 , 0.30069616], dtype=float32), array([0.          , 1.          , 0.6087129 , 0.954
0.9986329 , 0.5676311 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984931 , 0.31341442, 0.2500775 ,
0.4565197 , 0.860888 ], dtype=float32), array([0.          , 1.          , 0.99764 , 0.529
0.67073166, 0.8115182 ], dtype=float32), array([0.          , 1.          , 0.99724627, 0.052
0.2213192 , 0.954322 ], dtype=float32), array([0.          , 1.          , 0.9947489 , 0.668
0.7766829 , 0.767698 ], dtype=float32), array([0.          , 1.          , 0.9498484 , 0.793
0.9211292 , 0.6733443 ], dtype=float32), array([0.          , 1.          , 0.79648805, 0.746
0.8046893 , 0.58519423], dtype=float32), array([0.          , 1.          , 0.725726 , 0.919
0.9864058 , 0.5543293 ], dtype=float32), array([0.          , 1.          , 0.67022073, 0.954
0.99857616, 0.5694822 ], dtype=float32), array([0.          , 1.          , 0.6206523 , 0.900
0.9578123 , 0.5349015 ], dtype=float32), array([0.          , 1.          , 0.61193043, 0.629

```

```

    0.64574254, 0.30001134], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983998 , 0.315241  , 0.2511212 ,
        0.45221362, 0.8615961 ], dtype=float32), array([0.          , 1.          , 0.99758863, 0.531
        0.671361  , 0.81319326], dtype=float32), array([0.          , 1.          , 0.9971762 , 0.052
        0.22189069, 0.9546696 ], dtype=float32), array([0.          , 1.          , 0.9947397 , 0.668
        0.7766764 , 0.7664156 ], dtype=float32), array([0.          , 1.          , 0.95518994, 0.793
        0.92085916, 0.6749158 ], dtype=float32), array([0.          , 1.          , 0.81652206, 0.746
        0.80490154, 0.58418775], dtype=float32), array([0.          , 1.          , 0.7161674 , 0.955
        0.998595  , 0.5697752 ], dtype=float32), array([0.          , 1.          , 0.6865191 , 0.919
        0.98530316, 0.55465335], dtype=float32), array([0.          , 1.          , 0.62687117, 0.629
        0.6456671 , 0.3000216 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984086 , 0.31424108, 0.25104156,
        0.45220414, 0.8620615 ], dtype=float32), array([0.          , 1.          , 0.9971163 , 0.053
        0.22188468, 0.9567337 ], dtype=float32), array([0.          , 1.          , 0.9969718 , 0.531
        0.6705478 , 0.8112885 ], dtype=float32), array([0.          , 1.          , 0.9947795, 0.668772
        0.7672204], dtype=float32), array([0.          , 1.          , 0.95200175, 0.794429  , 0.2607
        0.920952  , 0.67427284], dtype=float32), array([0.          , 1.          , 0.7945312 , 0.746
        0.8047762 , 0.58442354], dtype=float32), array([0.          , 1.          , 0.69072115, 0.954
        0.99865794, 0.5691235 ], dtype=float32), array([0.          , 1.          , 0.6053835 , 0.920
        0.98717   , 0.55471975], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998552  , 0.3112408 , 0.24021292,
        0.4516284 , 0.862481  ], dtype=float32), array([0.          , 1.          , 0.9972445 , 0.053
        0.22173175, 0.9547688 ], dtype=float32), array([0.          , 1.          , 0.9971909 , 0.531
        0.6710251 , 0.8081615 ], dtype=float32), array([0.          , 1.          , 0.994848  , 0.668
        0.776898  , 0.76721275], dtype=float32), array([0.          , 1.          , 0.9543734 , 0.794
        0.9209133 , 0.6736096 ], dtype=float32), array([0.          , 1.          , 0.8156388 , 0.747
        0.8047211 , 0.5832287 ], dtype=float32), array([0.          , 1.          , 0.68087786, 0.955
        0.9987696 , 0.56901044], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99856955, 0.31114578, 0.23978356,
        0.45092237, 0.86311495], dtype=float32), array([0.          , 1.          , 0.99775964, 0.531
        0.67141885, 0.80857146], dtype=float32), array([0.          , 1.          , 0.9971019 , 0.052
        0.22167432, 0.9598199 ], dtype=float32), array([0.          , 1.          , 0.9948554 , 0.667
        0.7767087 , 0.76641613], dtype=float32), array([0.          , 1.          , 0.95444745, 0.794
        0.92095196, 0.6737446 ], dtype=float32), array([0.          , 1.          , 0.77578783, 0.746
        0.80450976, 0.5841386 ], dtype=float32), array([0.          , 1.          , 0.62942475, 0.956
        0.9992062 , 0.5692034 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986241 , 0.3112197 , 0.24091399,
        0.45113963, 0.8608432 ], dtype=float32), array([0.          , 1.          , 0.99799466, 0.526
        0.6721362 , 0.8105918 ], dtype=float32), array([0.          , 1.          , 0.99740005, 0.052
        0.22200954, 0.9560369 ], dtype=float32), array([0.          , 1.          , 0.9945682 , 0.667
        0.7766172 , 0.76605463], dtype=float32), array([0.          , 1.          , 0.95876557, 0.795
        0.92082244, 0.67353815], dtype=float32), array([0.          , 1.          , 0.7973247 , 0.747
        0.8053846 , 0.5843561 ], dtype=float32), array([0.          , 1.          , 0.6787838 , 0.956
        0.99909747, 0.568603  ], dtype=float32), array([0.          , 1.          , 0.62165946, 0.629
        0.64554787, 0.29861575], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9986565 , 0.31117362, 0.24018961,
        0.45158428, 0.86120254], dtype=float32), array([0.          , 1.          , 0.99747276, 0.528
        0.6713836 , 0.80859745], dtype=float32), array([0.          , 1.          , 0.9973781 , 0.050
        0.2222467 , 0.95738834], dtype=float32), array([0.          , 1.          , 0.99452704, 0.667
        0.77673376, 0.7661952 ], dtype=float32), array([0.          , 1.          , 0.95452935, 0.795
        0.92098606, 0.6731053 ], dtype=float32), array([0.          , 1.          , 0.7695893 , 0.746
        0.80516165, 0.584604  ], dtype=float32), array([0.          , 1.          , 0.69743955, 0.955
        0.99869233, 0.56851107], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99844545, 0.31126243, 0.24004862,
        0.45163465, 0.86135197], dtype=float32), array([0.          , 1.          , 0.9974971 , 0.048
        0.22693716, 0.96619534], dtype=float32), array([0.          , 1.          , 0.9962358 , 0.528
        0.6715245 , 0.8080151 ], dtype=float32), array([0.          , 1.          , 0.995061 , 0.667
        0.776227 , 0.7661977 ], dtype=float32), array([0.          , 1.          , 0.9572134 , 0.794
        0.9211314 , 0.67320657], dtype=float32), array([0.          , 1.          , 0.80405796, 0.747
        0.8063231 , 0.5845593 ], dtype=float32), array([0.          , 1.          , 0.6964688 , 0.955
        0.99879664, 0.5701464 ], dtype=float32), array([0.          , 1.          , 0.6422602 , 0.630
```

```

    0.6456751 , 0.29757607], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983004 , 0.31155413, 0.23875359,
        0.45163524, 0.8603362 ], dtype=float32), array([0.          , 1.          , 0.9976622 , 0.046
        0.22715643, 0.9671998 ], dtype=float32), array([0.          , 1.          , 0.9966934 , 0.530
        0.67134064, 0.8068259 ], dtype=float32), array([0.          , 1.          , 0.9948724 , 0.667
        0.77659017, 0.7668475 ], dtype=float32), array([0.          , 1.          , 0.95832634, 0.795
        0.92090636, 0.67404735], dtype=float32), array([0.          , 1.          , 0.7804431 , 0.747
        0.806306 , 0.587717 ], dtype=float32), array([0.          , 1.          , 0.6528204 , 0.956
        0.9990503 , 0.5706481 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99821126, 0.3117411 , 0.2378301 ,
        0.45179695, 0.86069614], dtype=float32), array([0.          , 1.          , 0.99776375, 0.044
        0.22717533, 0.9650755 ], dtype=float32), array([0.          , 1.          , 0.99655366, 0.527
        0.6719085 , 0.8097155 ], dtype=float32), array([0.          , 1.          , 0.9951798 , 0.667
        0.77641684, 0.7672403 ], dtype=float32), array([0.          , 1.          , 0.9561533 , 0.795
        0.92133236, 0.673063 ], dtype=float32), array([0.          , 1.          , 0.74874455, 0.746
        0.8054778 , 0.58519167], dtype=float32), array([0.          , 1.          , 0.6941186 , 0.956
        0.99904627, 0.5709766 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998257 , 0.3122569 , 0.2371817 ,
        0.45115122, 0.86141896], dtype=float32), array([0.          , 1.          , 0.99781525, 0.043
        0.22692892, 0.96736085], dtype=float32), array([0.          , 1.          , 0.99549246, 0.517
        0.6695464 , 0.81225383], dtype=float32), array([0.          , 1.          , 0.994951 , 0.667
        0.776626 , 0.7665131 ], dtype=float32), array([0.          , 1.          , 0.95604396, 0.796
        0.9207296 , 0.67346764], dtype=float32), array([0.          , 1.          , 0.7078794 , 0.956
        0.99893075, 0.57021683], dtype=float32), array([0.          , 1.          , 0.7058487 , 0.745
        0.8060092 , 0.5891769 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99818265, 0.31295836, 0.24659976,
        0.4507237 , 0.86300063], dtype=float32), array([0.          , 1.          , 0.99785495, 0.044
        0.22688234, 0.96537113], dtype=float32), array([0.          , 1.          , 0.99595624, 0.513

```

```

0.66800237, 0.81931424], dtype=float32), array([0.          , 1.          , 0.99475044, 0.667
0.77632636, 0.76509297], dtype=float32), array([0.          , 1.          , 0.9559897 , 0.795
0.92128795, 0.6739392 ], dtype=float32), array([0.          , 1.          , 0.8042318 , 0.747
0.8069655 , 0.5887796 ], dtype=float32), array([0.          , 1.          , 0.6700008, 0.956078
0.5723188], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983633 , 0.31416985, 0.24652278,
0.45006147, 0.86458087], dtype=float32), array([0.          , 1.          , 0.99774134, 0.044
0.22688566, 0.96766794], dtype=float32), array([0.          , 1.          , 0.9965061 , 0.510
0.6668909 , 0.8207144 ], dtype=float32), array([0.          , 1.          , 0.9944372 , 0.666
0.77702147, 0.76663446], dtype=float32), array([0.          , 1.          , 0.95842004, 0.796
0.9210179 , 0.67404133], dtype=float32), array([0.          , 1.          , 0.754484 , 0.743
0.8078893 , 0.5958604 ], dtype=float32), array([0.          , 1.          , 0.65709174, 0.956
0.99911445, 0.5702089 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99825984, 0.31441316, 0.24696594,
0.45000085, 0.8649668 ], dtype=float32), array([0.          , 1.          , 0.9978541 , 0.043
0.2270231 , 0.96639764], dtype=float32), array([0.          , 1.          , 0.99695265, 0.508
0.6664871 , 0.8241388 ], dtype=float32), array([0.          , 1.          , 0.99432003, 0.666
0.7765244 , 0.7653674 ], dtype=float32), array([0.          , 1.          , 0.95884925, 0.795
0.921102 , 0.6749636 ], dtype=float32), array([0.          , 1.          , 0.86173147, 0.746
0.8103187 , 0.5923612 ], dtype=float32), array([0.          , 1.          , 0.6729526 , 0.956
0.99904764, 0.57077247], dtype=float32), array([0.          , 1.          , 0.61462444, 0.630
0.6465165 , 0.29797292], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982102 , 0.314763 , 0.24599299,
0.44961405, 0.8647511 ], dtype=float32), array([0.          , 1.          , 0.99774843, 0.044
0.22647113, 0.9679105 ], dtype=float32), array([0.          , 1.          , 0.9973979 , 0.506
0.6665395 , 0.82319903], dtype=float32), array([0.          , 1.          , 0.99419373, 0.666
0.7773432 , 0.7659709 ], dtype=float32), array([0.          , 1.          , 0.9560678 , 0.796
0.92099065, 0.6742334 ], dtype=float32), array([0.          , 1.          , 0.8353707 , 0.746
0.8079598 , 0.588886 ], dtype=float32), array([0.          , 1.          , 0.70901877, 0.956
0.9990316 , 0.5701764 ], dtype=float32), array([0.          , 1.          , 0.6140731 , 0.921
0.98289293, 0.551996 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983113 , 0.31526572, 0.24670133,
        0.4495132 , 0.86376905], dtype=float32), array([0.          , 1.          , 0.9977067 , 0.044
        0.22657084, 0.9681287 ], dtype=float32), array([0.          , 1.          , 0.99757093, 0.504
        0.6651145 , 0.8227012 ], dtype=float32), array([0.          , 1.          , 0.9942538 , 0.665
        0.77604866, 0.7627288 ], dtype=float32), array([0.          , 1.          , 0.95918345, 0.796
        0.9214272 , 0.6741755 ], dtype=float32), array([0.          , 1.          , 0.86242414, 0.744
        0.8100013 , 0.5930666 ], dtype=float32), array([0.          , 1.          , 0.7431831 , 0.956
        0.9991884 , 0.5693386 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983384 , 0.31545725, 0.2465691 ,
        0.44935265, 0.8647664 ], dtype=float32), array([0.          , 1.          , 0.99763274, 0.044
        0.22680369, 0.96855617], dtype=float32), array([0.          , 1.          , 0.99726856, 0.505
        0.66501427, 0.8186892 ], dtype=float32), array([0.          , 1.          , 0.99427056, 0.665
        0.7765982 , 0.7641576 ], dtype=float32), array([0.          , 1.          , 0.96259964, 0.796
        0.92124695, 0.67515504], dtype=float32), array([0.          , 1.          , 0.8199367 , 0.745
        0.807868 , 0.5869653 ], dtype=float32), array([0.          , 1.          , 0.7341343 , 0.956
        0.9998117 , 0.56941515], dtype=float32), array([0.          , 1.          , 0.6276091 , 0.921
        0.98440564, 0.5516682 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983682 , 0.3159914 , 0.24694273,
        0.44895804, 0.8647791 ], dtype=float32), array([0.          , 1.          , 0.99779415, 0.044
        0.22703347, 0.9688097 ], dtype=float32), array([0.          , 1.          , 0.99693656, 0.508
        0.66553205, 0.8149489 ], dtype=float32), array([0.          , 1.          , 0.9940889 , 0.666
        0.7772535 , 0.7641878 ], dtype=float32), array([0.          , 1.          , 0.9606105 , 0.796
        0.92111236, 0.6745057 ], dtype=float32), array([0.          , 1.          , 0.8355006 , 0.744
        0.8088798 , 0.5915133 ], dtype=float32), array([0.          , 1.          , 0.76099825, 0.956
        0.99978185, 0.5698448 ], dtype=float32), array([0.          , 1.          , 0.6199993 , 0.920
        0.98293585, 0.55281997], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99847203, 0.31577086, 0.2471166 ,
        0.44986475, 0.8650807 ], dtype=float32), array([0.          , 1.          , 0.99779487, 0.044
        0.22714612, 0.9692487 ], dtype=float32), array([0.          , 1.          , 0.99689674, 0.507
        0.6655786 , 0.81688654], dtype=float32), array([0.          , 1.          , 0.9942866 , 0.666
```



```

0.7769748 , 0.7636385 ], dtype=float32), array([0.          , 1.          , 0.95262283, 0.795
0.9212416 , 0.67232025], dtype=float32), array([0.          , 1.          , 0.7297069 , 0.744
0.8086026 , 0.5925593 ], dtype=float32), array([0.          , 1.          , 0.7217596 , 0.956
0.99980307, 0.56974953], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853206, 0.31588265, 0.24781081,
0.45032498, 0.864867  ], dtype=float32), array([0.          , 1.          , 0.99785644, 0.044
0.22738773, 0.967744  ], dtype=float32), array([0.          , 1.          , 0.9962985 , 0.501
0.66480136, 0.81676316], dtype=float32), array([0.          , 1.          , 0.9942414 , 0.666
0.77681506, 0.7630254 ], dtype=float32), array([0.          , 1.          , 0.95437354, 0.795
0.9207572 , 0.67172956], dtype=float32), array([0.          , 1.          , 0.749104  , 0.956
0.99946463, 0.5696055 ], dtype=float32), array([0.          , 1.          , 0.7195439 , 0.744
0.80906725, 0.5921259 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985312 , 0.31579143, 0.24752465,
0.45097458, 0.8644072 ], dtype=float32), array([0.          , 1.          , 0.9977739 , 0.044
0.22731212, 0.96873546], dtype=float32), array([0.          , 1.          , 0.9950263 , 0.495
0.66558546, 0.81264544], dtype=float32), array([0.          , 1.          , 0.99450547, 0.665
0.7769518 , 0.7647337 ], dtype=float32), array([0.          , 1.          , 0.9522083 , 0.795
0.9207051 , 0.67058796], dtype=float32), array([0.          , 1.          , 0.71982884, 0.956
0.9996585 , 0.5692154 ], dtype=float32), array([0.          , 1.          , 0.6847518 , 0.744
0.8088678 , 0.5941598 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99867165, 0.31613272, 0.24762544,
0.45139307, 0.8637464 ], dtype=float32), array([0.          , 1.          , 0.9977812 , 0.044
0.22729209, 0.968583  ], dtype=float32), array([0.          , 1.          , 0.99550456, 0.497
0.66605985, 0.8179621 ], dtype=float32), array([0.          , 1.          , 0.99453753, 0.665
0.77646565, 0.76606417], dtype=float32), array([0.          , 1.          , 0.94424164, 0.794
0.92135   , 0.6706673 ], dtype=float32), array([0.          , 1.          , 0.7744774 , 0.744
0.81014323, 0.5941561 ], dtype=float32), array([0.          , 1.          , 0.7285663 , 0.956
0.999805  , 0.5716997 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.9986412 , 0.3160986 , 0.24811551,
        0.45134416, 0.8631078 ], dtype=float32), array([0.          , 1.          , 0.99774265, 0.044
        0.22724658, 0.9683692 ], dtype=float32), array([0.          , 1.          , 0.9960239 , 0.498
        0.6658767 , 0.8174665 ], dtype=float32), array([0.          , 1.          , 0.99450845, 0.665
        0.77724314, 0.7670723 ], dtype=float32), array([0.          , 1.          , 0.93880916, 0.794
        0.9210219 , 0.67062557], dtype=float32), array([0.          , 1.          , 0.7521518 , 0.744
        0.80963814, 0.5931509 ], dtype=float32), array([0.          , 1.          , 0.69725484, 0.956
        0.99993294, 0.57210875], dtype=float32), array([0.          , 1.          , 0.6497208 , 0.897
        0.9576349 , 0.5375211 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99864966, 0.31644097, 0.24797544,
        0.4520106 , 0.8613517 ], dtype=float32), array([0.          , 1.          , 0.99774754, 0.044
        0.2271568 , 0.9684276 ], dtype=float32), array([0.          , 1.          , 0.9964908 , 0.495
        0.66569537, 0.8209026 ], dtype=float32), array([0.          , 1.          , 0.99477696, 0.665
        0.77707464, 0.7666205 ], dtype=float32), array([0.          , 1.          , 0.9463801 , 0.794
        0.92117876, 0.6724241 ], dtype=float32), array([0.          , 1.          , 0.76612103, 0.746
        0.8111877 , 0.59399444], dtype=float32), array([0.          , 1.          , 0.7623286 , 0.897
        0.9564982 , 0.5319179 ], dtype=float32), array([0.          , 1.          , 0.71429324, 0.956
        0.99967456, 0.57310724], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987228 , 0.3166499 , 0.24669439,
        0.45241845, 0.8617571 ], dtype=float32), array([0.          , 1.          , 0.99775475, 0.044
        0.22723824, 0.97014606], dtype=float32), array([0.          , 1.          , 0.9964295 , 0.497
        0.6651057 , 0.82065547], dtype=float32), array([0.          , 1.          , 0.9946747 , 0.664
        0.7771586 , 0.76748836], dtype=float32), array([0.          , 1.          , 0.9462109 , 0.795
        0.92095107, 0.67150545], dtype=float32), array([0.          , 1.          , 0.7446128 , 0.747
        0.8085912 , 0.58833104], dtype=float32), array([0.          , 1.          , 0.7316057 , 0.898
        0.957729 , 0.5349298 ], dtype=float32), array([0.          , 1.          , 0.65366983, 0.955
        0.99964327, 0.572946 ], dtype=float32), array([0.          , 1.          , 0.6034597 , 0.921
        0.99084175, 0.55655223], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987093 , 0.31686145, 0.24756992,
        0.45244247, 0.8624624 ], dtype=float32), array([0.          , 1.          , 0.99797386, 0.044
        0.22736853, 0.9662839 ], dtype=float32), array([0.          , 1.          , 0.99536186, 0.501
        0.6649721 , 0.81692475], dtype=float32), array([0.          , 1.          , 0.9951867 , 0.664
        0.776931 , 0.76733863], dtype=float32), array([0.          , 1.          , 0.94355905, 0.793
```

```

0.9208133 , 0.6710506 ], dtype=float32), array([0.          , 1.          , 0.8648066 , 0.747
0.8091884 , 0.58299565], dtype=float32), array([0.          , 1.          , 0.79079574, 0.898
0.9590137 , 0.53616416], dtype=float32), array([0.          , 1.          , 0.6185672 , 0.921
0.99105227, 0.556656  ], dtype=float32), array([0.          , 1.          , 0.6067825 , 0.955
0.99940145, 0.57334256], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99848026, 0.31669298, 0.24831983,
0.45168993, 0.86316395], dtype=float32), array([0.          , 1.          , 0.99790394, 0.044
0.22746423, 0.96796435], dtype=float32), array([0.          , 1.          , 0.99498814, 0.664
0.7773261 , 0.7676646 ], dtype=float32), array([0.          , 1.          , 0.994273  , 0.504
0.6657411 , 0.8179482 ], dtype=float32), array([0.          , 1.          , 0.9420772 , 0.793
0.9204326 , 0.66943663], dtype=float32), array([0.          , 1.          , 0.83185905, 0.897
0.95859605, 0.5376595 ], dtype=float32), array([0.          , 1.          , 0.8312431 , 0.747
0.80838335, 0.5840638 ], dtype=float32), array([0.          , 1.          , 0.61460954, 0.949
0.99845845, 0.56078047], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986008 , 0.31678763, 0.24916148,
0.45114425, 0.86073136], dtype=float32), array([0.          , 1.          , 0.9978904 , 0.045
0.22741938, 0.9670192 ], dtype=float32), array([0.          , 1.          , 0.99506193, 0.665
0.77788967, 0.76765954], dtype=float32), array([0.          , 1.          , 0.9948907 , 0.513
0.66892916, 0.8114265 ], dtype=float32), array([0.          , 1.          , 0.9417572 , 0.793
0.9212882 , 0.66972715], dtype=float32), array([0.          , 1.          , 0.84535223, 0.747
0.80902225, 0.5842326 ], dtype=float32), array([0.          , 1.          , 0.8196006 , 0.897
0.9587103 , 0.53924805], dtype=float32), array([0.          , 1.          , 0.60964847, 0.954
0.99909556, 0.57487804], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985698 , 0.31626636, 0.2490538 ,
0.4512409 , 0.86125624], dtype=float32), array([0.          , 1.          , 0.9979541 , 0.045
0.22780424, 0.9671588 ], dtype=float32), array([0.          , 1.          , 0.9956292 , 0.511
0.67031807, 0.8132976 ], dtype=float32), array([0.          , 1.          , 0.9947864 , 0.664
0.7780895 , 0.76890004], dtype=float32), array([0.          , 1.          , 0.93975633, 0.793
0.9208461 , 0.6698688 ], dtype=float32), array([0.          , 1.          , 0.82029855, 0.747
0.8081717 , 0.58504313], dtype=float32), array([0.          , 1.          , 0.7989924 , 0.896
0.95807356, 0.5396648 ], dtype=float32), array([0.          , 1.          , 0.62529033, 0.948
0.9985983 , 0.56012356], dtype=float32)]
Total People in frame = 8

```

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986041 , 0.31547722, 0.25072584,
        0.451215  , 0.8618933 ], dtype=float32), array([0.          , 1.          , 0.9977913 , 0.045
        0.22753301, 0.96850675], dtype=float32), array([0.          , 1.          , 0.99645245, 0.510
        0.6713639 , 0.81573737], dtype=float32), array([0.          , 1.          , 0.99474  , 0.664889
        0.7683587], dtype=float32), array([0.          , 1.          , 0.9420077 , 0.79317385, 0.2548
        0.9208607 , 0.66888297], dtype=float32), array([0.          , 1.          , 0.87500334, 0.747
        0.80952126, 0.58667344], dtype=float32), array([0.          , 1.          , 0.8063775 , 0.897
        0.95794684, 0.5394823 ], dtype=float32), array([0.          , 1.          , 0.6742752 , 0.949
        0.9986131 , 0.561795  ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983872 , 0.31318438, 0.2520333 ,
        0.45110738, 0.8649158 ], dtype=float32), array([0.          , 1.          , 0.99781823, 0.045
        0.22776994, 0.9687999 ], dtype=float32), array([0.          , 1.          , 0.9966407 , 0.512
        0.67164016, 0.81610155], dtype=float32), array([0.          , 1.          , 0.994135  , 0.664
        0.7774958 , 0.76690197], dtype=float32), array([0.          , 1.          , 0.9408549 , 0.793
        0.92052436, 0.6686302 ], dtype=float32), array([0.          , 1.          , 0.8190396 , 0.747
        0.8091599 , 0.58824754], dtype=float32), array([0.          , 1.          , 0.7862751 , 0.895
        0.9563908 , 0.54006976], dtype=float32), array([0.          , 1.          , 0.6968688 , 0.949
        0.9987372 , 0.56076026], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987249 , 0.31011724, 0.24021432,
        0.4504872 , 0.862334  ], dtype=float32), array([0.          , 1.          , 0.9978965 , 0.045
        0.2286726 , 0.9669187 ], dtype=float32), array([0.          , 1.          , 0.99677867, 0.509
        0.6717529 , 0.81853163], dtype=float32), array([0.          , 1.          , 0.99408674, 0.664
        0.7779283 , 0.76724565], dtype=float32), array([0.          , 1.          , 0.95754254, 0.795
        0.919929  , 0.6705097 ], dtype=float32), array([0.          , 1.          , 0.898039  , 0.748
        0.8109575 , 0.590544  ], dtype=float32), array([0.          , 1.          , 0.81149524, 0.895
        0.95737946, 0.53716177], dtype=float32), array([0.          , 1.          , 0.695246 , 0.955032
        0.5742105], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99879426, 0.30928275, 0.24111843,
        0.4503403 , 0.86233616], dtype=float32), array([0.          , 1.          , 0.9980026 , 0.045
```

```

0.22912018, 0.96651864], dtype=float32), array([0.          , 1.          , 0.9972708 , 0.510
0.67203534, 0.81813926], dtype=float32), array([0.          , 1.          , 0.99405104, 0.664
0.7775649 , 0.767964  ], dtype=float32), array([0.          , 1.          , 0.95781946, 0.795
0.9197768 , 0.6705802 ], dtype=float32), array([0.          , 1.          , 0.89727163, 0.749
0.8106005 , 0.587975  ], dtype=float32), array([0.          , 1.          , 0.78720504, 0.895
0.95692724, 0.53713655], dtype=float32), array([0.          , 1.          , 0.6963501 , 0.955
0.99949086, 0.57415557], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99890196, 0.30926064, 0.24228045,
0.44994602, 0.8632723 ], dtype=float32), array([0.          , 1.          , 0.99816614, 0.045
0.22920696, 0.9663069 ], dtype=float32), array([0.          , 1.          , 0.99746895, 0.511
0.6726654 , 0.8173109 ], dtype=float32), array([0.          , 1.          , 0.9943212 , 0.664
0.77780163, 0.76793635], dtype=float32), array([0.          , 1.          , 0.9585862 , 0.795
0.92002815, 0.66982335], dtype=float32), array([0.          , 1.          , 0.898816  , 0.749
0.81110805, 0.59373415], dtype=float32), array([0.          , 1.          , 0.80390227, 0.895
0.95625126, 0.5341258 ], dtype=float32), array([0.          , 1.          , 0.6822549 , 0.950
0.9989283 , 0.5605042 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99891233, 0.30917203, 0.2409465 ,
0.4499157 , 0.8617153 ], dtype=float32), array([0.          , 1.          , 0.99797386, 0.047
0.22874957, 0.96837664], dtype=float32), array([0.          , 1.          , 0.9973501 , 0.512
0.67237604, 0.8153076 ], dtype=float32), array([0.          , 1.          , 0.99427867, 0.664
0.7781972 , 0.76750314], dtype=float32), array([0.          , 1.          , 0.9546934 , 0.793
0.92036223, 0.6708615 ], dtype=float32), array([0.          , 1.          , 0.90280193, 0.748
0.8099591 , 0.5931281 ], dtype=float32), array([0.          , 1.          , 0.70339286, 0.893
0.95476675, 0.5312691 ], dtype=float32), array([0.          , 1.          , 0.671631  , 0.949
0.99909174, 0.5590911 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99895316, 0.30934942, 0.2409369 ,
0.45001763, 0.86224544], dtype=float32), array([0.          , 1.          , 0.99758035, 0.048
0.22820541, 0.9685105 ], dtype=float32), array([0.          , 1.          , 0.9972163 , 0.509
0.671587  , 0.81723154], dtype=float32), array([0.          , 1.          , 0.9941036 , 0.664
0.7788976 , 0.7672319 ], dtype=float32), array([0.          , 1.          , 0.9526272 , 0.793
0.9205208 , 0.6701008 ], dtype=float32), array([0.          , 1.          , 0.90965277, 0.747
0.811095  , 0.5909796 ], dtype=float32), array([0.          , 1.          , 0.7113056 , 0.949
0.99897313, 0.5594988 ], dtype=float32), array([0.          , 1.          , 0.6233375 , 0.894

```

```

    0.954138 , 0.52837217], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99896383, 0.30995655, 0.24146837,
        0.4490841 , 0.86247784], dtype=float32), array([0.          , 1.          , 0.99717903, 0.509
        0.6717117 , 0.8165953 ], dtype=float32), array([0.          , 1.          , 0.9970951 , 0.050
        0.22269431, 0.9559511 ], dtype=float32), array([0.          , 1.          , 0.99376255, 0.665
        0.7793115 , 0.76780117], dtype=float32), array([0.          , 1.          , 0.9437745 , 0.792
        0.92060256, 0.66990453], dtype=float32), array([0.          , 1.          , 0.86933804, 0.746
        0.8111551 , 0.5914966 ], dtype=float32), array([0.          , 1.          , 0.71400464, 0.949
        0.998994 , 0.56067204], dtype=float32), array([0.          , 1.          , 0.6742842 , 0.896
        0.9533795 , 0.52770466], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9989767 , 0.3099438 , 0.23990622,
        0.44865566, 0.8615514 ], dtype=float32), array([0.          , 1.          , 0.997734 , 0.510
        0.67296004, 0.81428605], dtype=float32), array([0.          , 1.          , 0.9973653 , 0.051
        0.22239935, 0.95395327], dtype=float32), array([0.          , 1.          , 0.9937412 , 0.664
        0.77939963, 0.767092  ], dtype=float32), array([0.          , 1.          , 0.92554516, 0.790
        0.9210035 , 0.66725606], dtype=float32), array([0.          , 1.          , 0.8977633 , 0.746
        0.8122944 , 0.5938256 ], dtype=float32), array([0.          , 1.          , 0.7509283 , 0.894
        0.9548309 , 0.5349565 ], dtype=float32), array([0.          , 1.          , 0.7112302 , 0.955
        0.99935246, 0.5739869 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9989504 , 0.3099473 , 0.23876879,
        0.44867527, 0.86273205], dtype=float32), array([0.          , 1.          , 0.99729687, 0.506
        0.6723176 , 0.813859  ], dtype=float32), array([0.          , 1.          , 0.99727494, 0.052
        0.22173312, 0.9542029 ], dtype=float32), array([0.          , 1.          , 0.99358726, 0.665
        0.77942705, 0.76731545], dtype=float32), array([0.          , 1.          , 0.92491776, 0.789
        0.92178214, 0.6700332 ], dtype=float32), array([0.          , 1.          , 0.8819396 , 0.746
        0.81168413, 0.5932863 ], dtype=float32), array([0.          , 1.          , 0.734898 , 0.949
        0.9988836 , 0.5607395 ], dtype=float32), array([0.          , 1.          , 0.65358245, 0.896
        0.95284784, 0.5285625 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99891245, 0.31010872, 0.2387645 ,
        0.44802797, 0.8629341 ], dtype=float32), array([0.          , 1.          , 0.99751174, 0.054
        0.22222546, 0.9564721 ], dtype=float32), array([0.          , 1.          , 0.99734265, 0.507
        0.6728511 , 0.81304234], dtype=float32), array([0.          , 1.          , 0.9922001 , 0.664
        0.7817746 , 0.76837313], dtype=float32), array([0.          , 1.          , 0.91076463, 0.786
        0.9214249 , 0.6721409 ], dtype=float32), array([0.          , 1.          , 0.83890796, 0.744
        0.81347555, 0.5946477 ], dtype=float32), array([0.          , 1.          , 0.73342955, 0.898
        0.9541054 , 0.52995324], dtype=float32), array([0.          , 1.          , 0.7101277 , 0.950
        0.99892217, 0.56118435], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99891746, 0.310136 , 0.23950553,
        0.44814888, 0.86312556], dtype=float32), array([0.          , 1.          , 0.99770814, 0.055
        0.22204709, 0.956938 ], dtype=float32), array([0.          , 1.          , 0.9976095 , 0.502
        0.67067266, 0.81627643], dtype=float32), array([0.          , 1.          , 0.99107206, 0.665
        0.7844868 , 0.7694737 ], dtype=float32), array([0.          , 1.          , 0.9087636 , 0.780
        0.91710764, 0.66371924], dtype=float32), array([0.          , 1.          , 0.8257588 , 0.745
        0.8142732 , 0.5932929 ], dtype=float32), array([0.          , 1.          , 0.727814 , 0.949
        0.9988189 , 0.56143045], dtype=float32), array([0.          , 1.          , 0.70568675, 0.899
        0.9538572 , 0.52645606], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99892247, 0.30982217, 0.23896599,
        0.44839033, 0.8632765 ], dtype=float32), array([0.          , 1.          , 0.9977508 , 0.055
        0.22182417, 0.96087694], dtype=float32), array([0.          , 1.          , 0.9975068 , 0.501
        0.6690723 , 0.8131653 ], dtype=float32), array([0.          , 1.          , 0.9891117 , 0.665
        0.7878324 , 0.76817167], dtype=float32), array([0.          , 1.          , 0.91370314, 0.779
        0.9166215 , 0.66474724], dtype=float32), array([0.          , 1.          , 0.8435767 , 0.745
        0.8154602 , 0.59442085], dtype=float32), array([0.          , 1.          , 0.7459502 , 0.949
        0.9987702 , 0.56152326], dtype=float32), array([0.          , 1.          , 0.64267933, 0.899
        0.9533269 , 0.5257627 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99889153, 0.3096256 , 0.23937947,
        0.448782 , 0.86344403], dtype=float32), array([0.          , 1.          , 0.9978116 , 0.055
        0.22189806, 0.9601911 ], dtype=float32), array([0.          , 1.          , 0.997672 , 0.503
        0.6685618 , 0.81557655], dtype=float32), array([0.          , 1.          , 0.988602 , 0.665
        0.7885842 , 0.76565313], dtype=float32), array([0.          , 1.          , 0.91079015, 0.781
        0.9164832 , 0.6632895 ], dtype=float32), array([0.          , 1.          , 0.8469071, 0.744820
```

```

        0.5929849], dtype=float32), array([0.          , 1.          , 0.7849619 , 0.94815296, 0.2289
        0.99883336, 0.55976725], dtype=float32), array([0.          , 1.          , 0.620303 , 0.898
        0.9522598 , 0.52375233], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988286 , 0.3096744 , 0.24048406,
        0.44815508, 0.86266214], dtype=float32), array([0.          , 1.          , 0.9978236 , 0.504
        0.66854155, 0.8158435 ], dtype=float32), array([0.          , 1.          , 0.99770254, 0.055
        0.22200425, 0.9587686 ], dtype=float32), array([0.          , 1.          , 0.9905861 , 0.665
        0.7878785 , 0.7676494 ], dtype=float32), array([0.          , 1.          , 0.9183032 , 0.788
        0.9211947 , 0.66976655], dtype=float32), array([0.          , 1.          , 0.79446524, 0.948
        0.9987098 , 0.5602668 ], dtype=float32), array([0.          , 1.          , 0.76608443, 0.743
        0.81235814, 0.59149647], dtype=float32), array([0.          , 1.          , 0.6001286 , 0.899
        0.9526159 , 0.52379775], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988362 , 0.309588 , 0.24127269,
        0.44797698, 0.8627573 ], dtype=float32), array([0.          , 1.          , 0.9980557 , 0.506
        0.6704354 , 0.8152218 ], dtype=float32), array([0.          , 1.          , 0.9975107, 0.054197
        0.9559228], dtype=float32), array([0.          , 1.          , 0.99200284, 0.66502005, 0.2312
        0.7864942 , 0.7704588 ], dtype=float32), array([0.          , 1.          , 0.93074435, 0.791
        0.92110145, 0.66935444], dtype=float32), array([0.          , 1.          , 0.79340345, 0.948
        0.99872994, 0.55984807], dtype=float32), array([0.          , 1.          , 0.66142505, 0.743
        0.811622 , 0.5927441 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988179 , 0.3094958 , 0.24157798,
        0.4470905 , 0.8629199 ], dtype=float32), array([0.          , 1.          , 0.9980259 , 0.510
        0.6706431 , 0.8147113 ], dtype=float32), array([0.          , 1.          , 0.9972382 , 0.053
        0.22187364, 0.9553499 ], dtype=float32), array([0.          , 1.          , 0.99333584, 0.665
        0.78860474, 0.7721522 ], dtype=float32), array([0.          , 1.          , 0.92569363, 0.789
        0.9212941 , 0.67030185], dtype=float32), array([0.          , 1.          , 0.8030726 , 0.947
        0.9988206 , 0.5596296 ], dtype=float32), array([0.          , 1.          , 0.62462634, 0.744
        0.81232226, 0.59217024], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```



```

[array([0.          , 1.          , 0.99880373, 0.30943143, 0.24086359,
        0.44689023, 0.8630016 ], dtype=float32), array([0.          , 1.          , 0.99785715, 0.512
        0.6704733 , 0.81607485], dtype=float32), array([0.          , 1.          , 0.99733007, 0.052
        0.22194894, 0.95455277], dtype=float32), array([0.          , 1.          , 0.9939411 , 0.665
        0.7916466 , 0.7737174 ], dtype=float32), array([0.          , 1.          , 0.9236915 , 0.788
        0.92202777, 0.67250156], dtype=float32), array([0.          , 1.          , 0.80922997, 0.947
        0.9987431 , 0.56033   ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988341 , 0.30962622, 0.24184456,
        0.44544107, 0.8631455 ], dtype=float32), array([0.          , 1.          , 0.99767655, 0.517
        0.67129946, 0.81467557], dtype=float32), array([0.          , 1.          , 0.99741936, 0.052
        0.22162202, 0.9526582 ], dtype=float32), array([0.          , 1.          , 0.9938146 , 0.665
        0.79086894, 0.77419704], dtype=float32), array([0.          , 1.          , 0.9279418 , 0.790
        0.9222603 , 0.6725918 ], dtype=float32), array([0.          , 1.          , 0.7974864 , 0.946
        0.99892044, 0.5612716 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988255 , 0.30948195, 0.2425633 ,
        0.4452127 , 0.863267  ], dtype=float32), array([0.          , 1.          , 0.9978154 , 0.526
        0.672464  , 0.81053686], dtype=float32), array([0.          , 1.          , 0.9972614 , 0.051
        0.2217171 , 0.953238  ], dtype=float32), array([0.          , 1.          , 0.99402595, 0.664
        0.7917996 , 0.7734425 ], dtype=float32), array([0.          , 1.          , 0.9240185 , 0.790
        0.92214656, 0.6722828 ], dtype=float32), array([0.          , 1.          , 0.8542517 , 0.934
        0.9991269 , 0.56207615], dtype=float32), array([0.          , 1.          , 0.617499 , 0.743
        0.81261057, 0.591932  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988133 , 0.3097931 , 0.24309632,
        0.44445425, 0.8645122 ], dtype=float32), array([0.          , 1.          , 0.9977919 , 0.529
        0.6727239 , 0.8097943 ], dtype=float32), array([0.          , 1.          , 0.99722075, 0.051
        0.222198  , 0.9535624 ], dtype=float32), array([0.          , 1.          , 0.9936147, 0.664411
        0.772418 ], dtype=float32), array([0.          , 1.          , 0.9123956 , 0.7897255 , 0.2558
        0.92183226, 0.67153776], dtype=float32), array([0.          , 1.          , 0.85329485, 0.935
        0.99968016, 0.56201494], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.998782  , 0.3097874 , 0.24304253,
        0.44344944, 0.86372095], dtype=float32), array([0.          , 1.          , 0.9973533 , 0.052
        0.22248694, 0.952322  ], dtype=float32), array([0.          , 1.          , 0.9972381 , 0.530
        0.67321473, 0.809177  ], dtype=float32), array([0.          , 1.          , 0.9924702 , 0.665
        0.7920275 , 0.77256846], dtype=float32), array([0.          , 1.          , 0.9328489 , 0.791
        0.9215608 , 0.67080426], dtype=float32), array([0.          , 1.          , 0.852392  , 0.934
        0.99974114, 0.5651827 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987927 , 0.30967847, 0.24388367,
        0.4437658 , 0.86316043], dtype=float32), array([0.          , 1.          , 0.9974337 , 0.052
        0.22254685, 0.9509135 ], dtype=float32), array([0.          , 1.          , 0.9972863 , 0.530
        0.67332524, 0.8094822 ], dtype=float32), array([0.          , 1.          , 0.9936069 , 0.665
        0.78818214, 0.77322686], dtype=float32), array([0.          , 1.          , 0.95018625, 0.795
        0.9227347 , 0.67314607], dtype=float32), array([0.          , 1.          , 0.86656004, 0.935
        0.999351  , 0.56299835], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986253 , 0.30954552, 0.24416342,
        0.44330388, 0.8631766 ], dtype=float32), array([0.          , 1.          , 0.9975898 , 0.053
        0.22223395, 0.95228493], dtype=float32), array([0.          , 1.          , 0.99736017, 0.530
        0.6730355 , 0.80997676], dtype=float32), array([0.          , 1.          , 0.99089456, 0.663
        0.7860983 , 0.7720523 ], dtype=float32), array([0.          , 1.          , 0.9545478 , 0.796
        0.92276716, 0.6742501 ], dtype=float32), array([0.          , 1.          , 0.87575185, 0.935
        0.99903554, 0.56291056], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9985668 , 0.30946684, 0.24424109,
        0.44298428, 0.86324763], dtype=float32), array([0.          , 1.          , 0.9976763 , 0.530
        0.6731655 , 0.80870557], dtype=float32), array([0.          , 1.          , 0.9976527 , 0.054
        0.22213964, 0.9524463 ], dtype=float32), array([0.          , 1.          , 0.9915212 , 0.663
        0.7843531 , 0.7709321 ], dtype=float32), array([0.          , 1.          , 0.95979047, 0.797
        0.92328393, 0.6752308 ], dtype=float32), array([0.          , 1.          , 0.90994054, 0.934
        0.99826956, 0.56117284], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984968 , 0.30948806, 0.24498591,
        0.44378585, 0.86252356], dtype=float32), array([0.          , 1.          , 0.99762493, 0.053
        0.22212327, 0.95299983], dtype=float32), array([0.          , 1.          , 0.99748605, 0.531
        0.6730775 , 0.80636245], dtype=float32), array([0.          , 1.          , 0.99320483, 0.664
        0.7853852 , 0.771719  ], dtype=float32), array([0.          , 1.          , 0.9598646 , 0.797
        0.9234894 , 0.6749298 ], dtype=float32), array([0.          , 1.          , 0.9304764 , 0.933
        0.99730504, 0.55992943], dtype=float32), array([0.          , 1.          , 0.6394936 , 0.630
        0.6462505 , 0.3009067 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99858415, 0.3092021 , 0.24591687,
        0.44443378, 0.86158466], dtype=float32), array([0.          , 1.          , 0.9975445 , 0.052
        0.22227399, 0.9514278 ], dtype=float32), array([0.          , 1.          , 0.9975042 , 0.531
        0.67400014, 0.80564594], dtype=float32), array([0.          , 1.          , 0.9946079 , 0.663
        0.78567076, 0.7734678 ], dtype=float32), array([0.          , 1.          , 0.961056 , 0.797
        0.9232947 , 0.6746698 ], dtype=float32), array([0.          , 1.          , 0.90382123, 0.933
        0.9969336 , 0.5622766 ], dtype=float32), array([0.          , 1.          , 0.64979947, 0.630
        0.6460025 , 0.30092728], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984962 , 0.30910558, 0.2455445 ,
        0.44556427, 0.8639216 ], dtype=float32), array([0.          , 1.          , 0.9974126 , 0.050
        0.22241735, 0.9511336 ], dtype=float32), array([0.          , 1.          , 0.9972097 , 0.529
        0.6734099 , 0.80498326], dtype=float32), array([0.          , 1.          , 0.9950003, 0.664251
        0.774992 ], dtype=float32), array([0.          , 1.          , 0.9655547 , 0.79791355, 0.2543
        0.9234127 , 0.67712325], dtype=float32), array([0.          , 1.          , 0.89950395, 0.933
        0.99638313, 0.5627779 ], dtype=float32), array([0.          , 1.          , 0.637785 , 0.629
        0.6456833 , 0.3021688 ], dtype=float32), array([0.          , 1.          , 0.6249686 , 0.901
        0.95588636, 0.52641225], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983932 , 0.3090244 , 0.24608734,
        0.44665718, 0.86384845], dtype=float32), array([0.          , 1.          , 0.99759066, 0.528
        0.67277664, 0.80629605], dtype=float32), array([0.          , 1.          , 0.9974362 , 0.049
        0.2273708 , 0.9654723 ], dtype=float32), array([0.          , 1.          , 0.99359185, 0.665
        0.78314114, 0.77864087], dtype=float32), array([0.          , 1.          , 0.9680532 , 0.798
        0.92345244, 0.6782224 ], dtype=float32), array([0.          , 1.          , 0.9287858 , 0.933
        0.9966841 , 0.56087214], dtype=float32), array([0.          , 1.          , 0.63023293, 0.629
```

```

    0.6462989 , 0.30276522], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984109 , 0.30864903, 0.24691308,
        0.4478151 , 0.8642204 ], dtype=float32), array([0.          , 1.          , 0.99781907, 0.048
        0.2279004 , 0.9660654 ], dtype=float32), array([0.          , 1.          , 0.9977495 , 0.527
        0.67219484, 0.80748343], dtype=float32), array([0.          , 1.          , 0.9940224 , 0.665
        0.7832233 , 0.77791345], dtype=float32), array([0.          , 1.          , 0.96560127, 0.797
        0.92314744, 0.67800796], dtype=float32), array([0.          , 1.          , 0.9525178, 0.933604
        0.5606462], dtype=float32), array([0.          , 1.          , 0.6055814 , 0.62951595, 0.2312
        0.64627665, 0.30362305], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998346 , 0.30853486, 0.2477273 ,
        0.44846374, 0.8604809 ], dtype=float32), array([0.          , 1.          , 0.9980063 , 0.047
        0.22818896, 0.9661681 ], dtype=float32), array([0.          , 1.          , 0.99744964, 0.527
        0.67170364, 0.8061105 ], dtype=float32), array([0.          , 1.          , 0.99380386, 0.666
        0.78290194, 0.77697265], dtype=float32), array([0.          , 1.          , 0.96494424, 0.796
        0.9238026 , 0.6782405 ], dtype=float32), array([0.          , 1.          , 0.9436792 , 0.934
        0.9974166 , 0.5607451 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99828506, 0.30840927, 0.24757269,
        0.44783723, 0.86103654], dtype=float32), array([0.          , 1.          , 0.99794596, 0.046
        0.22838748, 0.966698 ], dtype=float32), array([0.          , 1.          , 0.9976611 , 0.526
        0.6719464 , 0.8061485 ], dtype=float32), array([0.          , 1.          , 0.9949537 , 0.666
        0.781677 , 0.77664375], dtype=float32), array([0.          , 1.          , 0.96355224, 0.795
        0.92350584, 0.6780603 ], dtype=float32), array([0.          , 1.          , 0.90858597, 0.937
        0.99792176, 0.5599502 ], dtype=float32), array([0.          , 1.          , 0.7679597 , 0.902
        0.9529431 , 0.47254533], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983568 , 0.30789497, 0.24703765,
        0.44862542, 0.8604561 ], dtype=float32), array([0.          , 1.          , 0.99800855, 0.046
        0.22849232, 0.96686804], dtype=float32), array([0.          , 1.          , 0.9977004 , 0.525
        0.67204565, 0.80618864], dtype=float32), array([0.          , 1.          , 0.9947195 , 0.665

```

```

0.78216875, 0.77711064], dtype=float32), array([0.          , 1.          , 0.96414506, 0.795
0.92352605, 0.67703366], dtype=float32), array([0.          , 1.          , 0.86128795, 0.939
0.9980783 , 0.55738044], dtype=float32), array([0.          , 1.          , 0.74773383, 0.903
0.95384544, 0.4645589 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99846435, 0.30749422, 0.24683905,
0.44837844, 0.8592472 ], dtype=float32), array([0.          , 1.          , 0.9981281 , 0.045
0.22884852, 0.96517575], dtype=float32), array([0.          , 1.          , 0.99769837, 0.526
0.6717775 , 0.8063599 ], dtype=float32), array([0.          , 1.          , 0.9946274 , 0.664
0.78221285, 0.7779962 ], dtype=float32), array([0.          , 1.          , 0.9670715 , 0.795
0.92312294, 0.6773572 ], dtype=float32), array([0.          , 1.          , 0.8908677 , 0.935
0.9963004 , 0.5637424 ], dtype=float32), array([0.          , 1.          , 0.6020239 , 0.739
0.806494 , 0.59861594], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853766, 0.30750597, 0.2467153 ,
0.44816476, 0.8579562 ], dtype=float32), array([0.          , 1.          , 0.9979189 , 0.045
0.22880453, 0.9658626 ], dtype=float32), array([0.          , 1.          , 0.99733824, 0.527
0.6720954 , 0.8054159 ], dtype=float32), array([0.          , 1.          , 0.994774 , 0.664
0.7808088 , 0.7747856 ], dtype=float32), array([0.          , 1.          , 0.9660054 , 0.795
0.92268205, 0.67855656], dtype=float32), array([0.          , 1.          , 0.82911015, 0.935
0.99530554, 0.5635086 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986242 , 0.3073559 , 0.2465589 ,
0.44778445, 0.8575773 ], dtype=float32), array([0.          , 1.          , 0.9978902 , 0.045
0.22852096, 0.9656534 ], dtype=float32), array([0.          , 1.          , 0.99643326, 0.530
0.6719801 , 0.8069242 ], dtype=float32), array([0.          , 1.          , 0.9957176, 0.664061
0.7735882], dtype=float32), array([0.          , 1.          , 0.9644905 , 0.796386 , 0.2570
0.92237437, 0.6783941 ], dtype=float32), array([0.          , 1.          , 0.7627979 , 0.950
0.99820936, 0.5683001 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99875367, 0.30699345, 0.24561441,
0.44704154, 0.85826766], dtype=float32), array([0.          , 1.          , 0.9978503 , 0.045

```

```

0.22811395, 0.96577734], dtype=float32), array([0.          , 1.          , 0.99585825, 0.664
0.77760583, 0.7722829 ], dtype=float32), array([0.          , 1.          , 0.995472  , 0.530
0.67144763, 0.8064713 ], dtype=float32), array([0.          , 1.          , 0.9664657 , 0.796
0.9217695 , 0.6777786 ], dtype=float32), array([0.          , 1.          , 0.7564231, 0.950162
0.564811 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99886274, 0.306848  , 0.24548158,
0.44760382, 0.8586296 ], dtype=float32), array([0.          , 1.          , 0.9978413 , 0.045
0.22774851, 0.96298707], dtype=float32), array([0.          , 1.          , 0.9957802 , 0.531
0.67141765, 0.80679226], dtype=float32), array([0.          , 1.          , 0.99545395, 0.664
0.7781431 , 0.77303624], dtype=float32), array([0.          , 1.          , 0.9680663 , 0.796
0.9217869 , 0.67799866], dtype=float32), array([0.          , 1.          , 0.7397076 , 0.955
0.99947286, 0.56864256], dtype=float32), array([0.          , 1.          , 0.62724364, 0.739
0.8056333 , 0.5974999 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99889416, 0.30683747, 0.24494496,
0.447399  , 0.85843813], dtype=float32), array([0.          , 1.          , 0.99783534, 0.045
0.22771496, 0.965945  ], dtype=float32), array([0.          , 1.          , 0.9961046 , 0.530968
0.807057 ], dtype=float32), array([0.          , 1.          , 0.99526596, 0.6653425 , 0.2311
0.77770835, 0.7724356 ], dtype=float32), array([0.          , 1.          , 0.96917266, 0.796
0.92155075, 0.67901474], dtype=float32), array([0.          , 1.          , 0.75042737, 0.956
0.99940467, 0.56911504], dtype=float32), array([0.          , 1.          , 0.64324623, 0.739
0.80610514, 0.5981257 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988976 , 0.3068266 , 0.24406895,
0.4470005 , 0.8590368 ], dtype=float32), array([0.          , 1.          , 0.9978922 , 0.045
0.22800668, 0.9659467 ], dtype=float32), array([0.          , 1.          , 0.99592686, 0.531
0.67128444, 0.80727255], dtype=float32), array([0.          , 1.          , 0.9952217 , 0.665
0.77725756, 0.77285516], dtype=float32), array([0.          , 1.          , 0.9671796 , 0.796
0.92098594, 0.6786769 ], dtype=float32), array([0.          , 1.          , 0.8242156 , 0.957
0.99981743, 0.5659491 ], dtype=float32), array([0.          , 1.          , 0.7460383 , 0.741
0.80642474, 0.5987655 ], dtype=float32), array([0.          , 1.          , 0.63544023, 0.933
0.9719087 , 0.35409722], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9989085 , 0.3072976 , 0.24500427,
        0.44699943, 0.85918844], dtype=float32), array([0.          , 1.          , 0.9978825 , 0.045
        0.22803843, 0.9660678 ], dtype=float32), array([0.          , 1.          , 0.9958633 , 0.531
        0.6716325 , 0.8053193 ], dtype=float32), array([0.          , 1.          , 0.99533796, 0.665
        0.77689445, 0.772154  ], dtype=float32), array([0.          , 1.          , 0.9667682 , 0.796
        0.9208328 , 0.67851216], dtype=float32), array([0.          , 1.          , 0.7649688 , 0.742
        0.8067103 , 0.5993824 ], dtype=float32), array([0.          , 1.          , 0.6727934 , 0.957
        0.99865276, 0.5491649 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9989303 , 0.30705377, 0.2448062 ,
        0.4477361 , 0.85956013], dtype=float32), array([0.          , 1.          , 0.99799764, 0.045
        0.2279642 , 0.96391916], dtype=float32), array([0.          , 1.          , 0.99584585, 0.530
        0.670929  , 0.8042555 ], dtype=float32), array([0.          , 1.          , 0.9952833 , 0.665
        0.77672815, 0.77249247], dtype=float32), array([0.          , 1.          , 0.9663293 , 0.796
        0.92106277, 0.6780362 ], dtype=float32), array([0.          , 1.          , 0.73502046, 0.743
        0.80736405, 0.5989466 ], dtype=float32), array([0.          , 1.          , 0.69360423, 0.934
        0.9723762 , 0.3524295 ], dtype=float32), array([0.          , 1.          , 0.6584046 , 0.920
        0.9925383 , 0.5646105 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99883264, 0.30737138, 0.24472174,
        0.4475088 , 0.8605796 ], dtype=float32), array([0.          , 1.          , 0.99780566, 0.045
        0.22739664, 0.9632178 ], dtype=float32), array([0.          , 1.          , 0.996505  , 0.529
        0.67159986, 0.80413306], dtype=float32), array([0.          , 1.          , 0.9954905 , 0.665
        0.77734375, 0.77354467], dtype=float32), array([0.          , 1.          , 0.96511346, 0.797
        0.9212569 , 0.6776195 ], dtype=float32), array([0.          , 1.          , 0.7959874 , 0.919
        0.99608576, 0.56987685], dtype=float32), array([0.          , 1.          , 0.71728444, 0.743
        0.80792725, 0.5983317 ], dtype=float32), array([0.          , 1.          , 0.60205156, 0.630
        0.6460212 , 0.29998967], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9988374 , 0.30751562, 0.2444053 ,
        0.44751364, 0.86049676], dtype=float32), array([0.          , 1.          , 0.99797386, 0.045
        0.22799271, 0.9621655 ], dtype=float32), array([0.          , 1.          , 0.99709773, 0.529
        0.6719202 , 0.8047718 ], dtype=float32), array([0.          , 1.          , 0.99552  , 0.665
        0.77737874, 0.77406716], dtype=float32), array([0.          , 1.          , 0.9660221 , 0.797
```

```

0.9209489 , 0.6760802 ], dtype=float32), array([0.          , 1.          , 0.788078 , 0.743
0.8080406 , 0.6013989 ], dtype=float32), array([0.          , 1.          , 0.6402391 , 0.919
0.99534774, 0.5627374 ], dtype=float32), array([0.          , 1.          , 0.60262614, 0.629
0.64624524, 0.3012462 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988441 , 0.30775297, 0.24453062,
0.44815248, 0.8615959 ], dtype=float32), array([0.          , 1.          , 0.9979943 , 0.045
0.22783989, 0.9625169 ], dtype=float32), array([0.          , 1.          , 0.9974106 , 0.530
0.67249715, 0.80517185], dtype=float32), array([0.          , 1.          , 0.9954372 , 0.665
0.7775509 , 0.77476215], dtype=float32), array([0.          , 1.          , 0.9675821 , 0.797
0.9209051 , 0.6764347 ], dtype=float32), array([0.          , 1.          , 0.81715256, 0.743
0.8082276 , 0.6014347 ], dtype=float32), array([0.          , 1.          , 0.6268225 , 0.629
0.6466026 , 0.30247027], dtype=float32), array([0.          , 1.          , 0.6248547 , 0.916
0.99384236, 0.56147516], dtype=float32), array([0.          , 1.          , 0.6221758 , 0.899
0.95900935, 0.5296658 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988952 , 0.30764502, 0.24474505,
0.44841337, 0.861153 ], dtype=float32), array([0.          , 1.          , 0.9980531 , 0.044
0.22801161, 0.9665334 ], dtype=float32), array([0.          , 1.          , 0.9974286 , 0.530
0.6733361 , 0.80664706], dtype=float32), array([0.          , 1.          , 0.9953857 , 0.664323
0.7738583], dtype=float32), array([0.          , 1.          , 0.96686506, 0.7977681 , 0.2565
0.92050195, 0.6748992 ], dtype=float32), array([0.          , 1.          , 0.81509346, 0.742
0.8075757 , 0.60171837], dtype=float32), array([0.          , 1.          , 0.63589805, 0.629
0.6467107 , 0.30151695], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9989127 , 0.30808717, 0.24530742,
0.4476506 , 0.86091363], dtype=float32), array([0.          , 1.          , 0.9979377 , 0.045
0.227589 , 0.9644623 ], dtype=float32), array([0.          , 1.          , 0.9968942 , 0.530
0.6724603 , 0.80657816], dtype=float32), array([0.          , 1.          , 0.9954861 , 0.665
0.7783689 , 0.7740111 ], dtype=float32), array([0.          , 1.          , 0.96522295, 0.796
0.92089474, 0.6755192 ], dtype=float32), array([0.          , 1.          , 0.8655158 , 0.743
0.8086164 , 0.6017162 ], dtype=float32), array([0.          , 1.          , 0.6645139 , 0.918
0.99600136, 0.5548418 ], dtype=float32), array([0.          , 1.          , 0.64888746, 0.629
0.64631283, 0.3022681 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}

```



1 1  
2 2

Running Inference

```
[array([0.          , 1.          , 0.99891996, 0.3081935 , 0.24495232,
        0.4475907 , 0.86153185], dtype=float32), array([0.          , 1.          , 0.9980932 , 0.045
        0.22812732, 0.9628639 ], dtype=float32), array([0.          , 1.          , 0.9972363 , 0.530
        0.67253625, 0.8087708 ], dtype=float32), array([0.          , 1.          , 0.9954816 , 0.665
        0.77885574, 0.77560365], dtype=float32), array([0.          , 1.          , 0.9636678 , 0.796
        0.92135274, 0.67455494], dtype=float32), array([0.          , 1.          , 0.8403599 , 0.742
        0.8077172 , 0.60084206], dtype=float32), array([0.          , 1.          , 0.7485231 , 0.919
        0.9968423 , 0.5569528 ], dtype=float32), array([0.          , 1.          , 0.6599968 , 0.629
        0.646376 , 0.30152652], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1  
2 2

Running Inference

```
[array([0.          , 1.          , 0.9988759 , 0.3086732 , 0.24521223,
        0.44720596, 0.8610171 ], dtype=float32), array([0.          , 1.          , 0.9980788 , 0.045
        0.22818752, 0.96328807], dtype=float32), array([0.          , 1.          , 0.9975793 , 0.529
        0.67259806, 0.8099197 ], dtype=float32), array([0.          , 1.          , 0.9953838 , 0.665
        0.7792939 , 0.7766459 ], dtype=float32), array([0.          , 1.          , 0.96486133, 0.796
        0.92160785, 0.6749766 ], dtype=float32), array([0.          , 1.          , 0.85809827, 0.742
        0.8075495 , 0.5997737 ], dtype=float32), array([0.          , 1.          , 0.6930687 , 0.922
        0.99802375, 0.55555314], dtype=float32), array([0.          , 1.          , 0.6696732 , 0.629
        0.64627725, 0.30113813], dtype=float32), array([0.          , 1.          , 0.6007897 , 0.898
        0.95727736, 0.5243881 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1  
2 2

Running Inference

```
[array([0.          , 1.          , 0.9988481 , 0.30880588, 0.24471939,
        0.44711202, 0.86230767], dtype=float32), array([0.          , 1.          , 0.99794155, 0.045
        0.22793818, 0.96580577], dtype=float32), array([0.          , 1.          , 0.9975744 , 0.528
        0.67234665, 0.8117848 ], dtype=float32), array([0.          , 1.          , 0.99549156, 0.665
        0.7786513 , 0.77702975], dtype=float32), array([0.          , 1.          , 0.963815 , 0.797
        0.9216741 , 0.67484283], dtype=float32), array([0.          , 1.          , 0.86147624, 0.742
        0.8076514 , 0.5988444 ], dtype=float32), array([0.          , 1.          , 0.8442348 , 0.920
        0.9983014 , 0.5609964 ], dtype=float32), array([0.          , 1.          , 0.62884825, 0.629
        0.64628065, 0.30185062], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1  
2 2

Running Inference

```
[array([0.          , 1.          , 0.9987675 , 0.30923396, 0.24413195,
        0.44694883, 0.8629725 ], dtype=float32), array([0.          , 1.          , 0.99809015, 0.044
```

```

0.22784528, 0.96464896], dtype=float32), array([0.          , 1.          , 0.9973603 , 0.528
0.6719854 , 0.811339  ], dtype=float32), array([0.          , 1.          , 0.9953368 , 0.665
0.7791741 , 0.77769935], dtype=float32), array([0.          , 1.          , 0.96447486, 0.797
0.92208433, 0.67640394], dtype=float32), array([0.          , 1.          , 0.90705436, 0.916
0.9997012 , 0.57102585], dtype=float32), array([0.          , 1.          , 0.8137209 , 0.742
0.8066511 , 0.59807885], dtype=float32), array([0.          , 1.          , 0.67496127, 0.629
0.64541787, 0.30280757], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99887246, 0.309042  , 0.24405459,
0.44686607, 0.8618846 ], dtype=float32), array([0.          , 1.          , 0.9981051 , 0.044
0.22797182, 0.965349  ], dtype=float32), array([0.          , 1.          , 0.99740076, 0.529
0.672607  , 0.81023955], dtype=float32), array([0.          , 1.          , 0.9953725 , 0.665
0.77856433, 0.77610373], dtype=float32), array([0.          , 1.          , 0.96111757, 0.796
0.9220793 , 0.6758579 ], dtype=float32), array([0.          , 1.          , 0.89232033, 0.915
0.9998399 , 0.5708159 ], dtype=float32), array([0.          , 1.          , 0.77692324, 0.745
0.80620044, 0.5926839 ], dtype=float32), array([0.          , 1.          , 0.6132608 , 0.629
0.6458756 , 0.30375785], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9988706 , 0.30927163, 0.24369806,
0.4470374 , 0.8623746 ], dtype=float32), array([0.          , 1.          , 0.9980264 , 0.044
0.22799262, 0.96476555], dtype=float32), array([0.          , 1.          , 0.99707437, 0.529
0.67263955, 0.8095394 ], dtype=float32), array([0.          , 1.          , 0.99502313, 0.664
0.7796143 , 0.77617145], dtype=float32), array([0.          , 1.          , 0.9612558 , 0.796
0.92195743, 0.6755687 ], dtype=float32), array([0.          , 1.          , 0.9143938 , 0.915
0.99894786, 0.571427  ], dtype=float32), array([0.          , 1.          , 0.8100489 , 0.747
0.80798805, 0.59131956], dtype=float32), array([0.          , 1.          , 0.6005588 , 0.629
0.64547783, 0.30447194], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99884725, 0.30922168, 0.24344277,
0.44774294, 0.86290884], dtype=float32), array([0.          , 1.          , 0.998105  , 0.044
0.22819856, 0.9657998 ], dtype=float32), array([0.          , 1.          , 0.9970297 , 0.530
0.6729366 , 0.8104404 ], dtype=float32), array([0.          , 1.          , 0.99468976, 0.665
0.7800552 , 0.77628297], dtype=float32), array([0.          , 1.          , 0.95676905, 0.796
0.9223552 , 0.67596596], dtype=float32), array([0.          , 1.          , 0.8966723 , 0.915
0.99820924, 0.5713078 ], dtype=float32), array([0.          , 1.          , 0.7822382 , 0.746
0.8065838 , 0.58771354], dtype=float32)]

```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99882394, 0.3094154 , 0.24406382,
        0.4485103 , 0.86215985], dtype=float32), array([0.          , 1.          , 0.9981402 , 0.044
        0.22839725, 0.96653324], dtype=float32), array([0.          , 1.          , 0.99643195, 0.529
        0.672906 , 0.80843765], dtype=float32), array([0.          , 1.          , 0.9945838 , 0.667
        0.78042287, 0.7721618 ], dtype=float32), array([0.          , 1.          , 0.9567694 , 0.796
        0.9228821 , 0.6772624 ], dtype=float32), array([0.          , 1.          , 0.8449839 , 0.919
        0.9985005 , 0.5717877 ], dtype=float32), array([0.          , 1.          , 0.7206579 , 0.747
        0.8056198 , 0.5863216 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987495 , 0.3094983 , 0.2446236 ,
        0.44937092, 0.86298186], dtype=float32), array([0.          , 1.          , 0.9981189 , 0.045
        0.2285445 , 0.9681845 ], dtype=float32), array([0.          , 1.          , 0.99583566, 0.530
        0.6735107 , 0.80907  ], dtype=float32), array([0.          , 1.          , 0.99462295, 0.667
        0.7804375 , 0.7710782 ], dtype=float32), array([0.          , 1.          , 0.9555491 , 0.796
        0.9223728 , 0.675863  ], dtype=float32), array([0.          , 1.          , 0.74863535, 0.923
        0.9987436 , 0.57091236], dtype=float32), array([0.          , 1.          , 0.7217136 , 0.746
        0.80477715, 0.5842494 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986481 , 0.3097273 , 0.24387217,
        0.44999963, 0.8647567 ], dtype=float32), array([0.          , 1.          , 0.9981822 , 0.044
        0.22848874, 0.96739435], dtype=float32), array([0.          , 1.          , 0.99563605, 0.669
        0.7801266 , 0.7668689 ], dtype=float32), array([0.          , 1.          , 0.9954159 , 0.530
        0.67313194, 0.808489  ], dtype=float32), array([0.          , 1.          , 0.9610911 , 0.796
        0.9218753 , 0.6758111 ], dtype=float32), array([0.          , 1.          , 0.7279048 , 0.747
        0.80347687, 0.5832444 ], dtype=float32), array([0.          , 1.          , 0.721356 , 0.923
        0.9992985 , 0.57002246], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986565 , 0.3096251 , 0.24432144,
        0.44969028, 0.86585736], dtype=float32), array([0.          , 1.          , 0.9982925 , 0.044
        0.2288422 , 0.9658444 ], dtype=float32), array([0.          , 1.          , 0.99576366, 0.669
        0.77881706, 0.7624873 ], dtype=float32), array([0.          , 1.          , 0.99494743, 0.530

```

```

        0.67239386, 0.8073145 ], dtype=float32), array([0.          , 1.          , 0.9557664 , 0.796
        0.921988  , 0.67420495], dtype=float32), array([0.          , 1.          , 0.60804933, 0.923
        0.99798894, 0.5680231 ], dtype=float32), array([0.          , 1.          , 0.60681015, 0.712
        0.7909741 , 0.6505951 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99876547, 0.30977845, 0.24450687,
        0.44971007, 0.8638232 ], dtype=float32), array([0.          , 1.          , 0.9982493 , 0.044
        0.22868209, 0.96734095], dtype=float32), array([0.          , 1.          , 0.9959105 , 0.668
        0.7788228 , 0.7686527 ], dtype=float32), array([0.          , 1.          , 0.9946907 , 0.530
        0.67217433, 0.80855066], dtype=float32), array([0.          , 1.          , 0.956717  , 0.796
        0.9217961 , 0.67483366], dtype=float32), array([0.          , 1.          , 0.77061486, 0.925
        0.99810296, 0.5686379 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988243 , 0.30985445, 0.24490356,
        0.44907403, 0.8624532 ], dtype=float32), array([0.          , 1.          , 0.9982026 , 0.045
        0.2289351 , 0.9685366 ], dtype=float32), array([0.          , 1.          , 0.9958229 , 0.669
        0.7778505 , 0.76666594], dtype=float32), array([0.          , 1.          , 0.9945614 , 0.529
        0.67115885, 0.8060934 ], dtype=float32), array([0.          , 1.          , 0.95424575, 0.797
        0.9215001 , 0.6748991 ], dtype=float32), array([0.          , 1.          , 0.71419364, 0.927
        0.9996106 , 0.56777126], dtype=float32), array([0.          , 1.          , 0.64962584, 0.716
        0.789641  , 0.64606017], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99878114, 0.31016394, 0.2458142 ,
        0.44943133, 0.8619188 ], dtype=float32), array([0.          , 1.          , 0.99804556, 0.046
        0.2283153 , 0.968519  ], dtype=float32), array([0.          , 1.          , 0.9953436 , 0.668
        0.7785847 , 0.7685155 ], dtype=float32), array([0.          , 1.          , 0.99489224, 0.529
        0.67122096, 0.8076842 ], dtype=float32), array([0.          , 1.          , 0.9550864 , 0.797
        0.92147166, 0.6749159 ], dtype=float32), array([0.          , 1.          , 0.7230824 , 0.925
        0.99899787, 0.5644663 ], dtype=float32), array([0.          , 1.          , 0.69063556, 0.719
        0.7910222 , 0.63642246], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988055 , 0.3099506 , 0.24579614,

```

```

0.44946533, 0.8609541 ], dtype=float32), array([0.          , 1.          , 0.99785554, 0.048
0.22792315, 0.9684855 ], dtype=float32), array([0.          , 1.          , 0.99560744, 0.530
0.6721569 , 0.8058425 ], dtype=float32), array([0.          , 1.          , 0.9953902 , 0.669
0.7782964 , 0.7669084 ], dtype=float32), array([0.          , 1.          , 0.95385057, 0.797
0.921707  , 0.6745291 ], dtype=float32), array([0.          , 1.          , 0.62830687, 0.716
0.78958815, 0.6379732 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99874926, 0.30997202, 0.24479449,
0.44956878, 0.86200535], dtype=float32), array([0.          , 1.          , 0.99766266, 0.050
0.2235876 , 0.9540533 ], dtype=float32), array([0.          , 1.          , 0.9964719 , 0.529
0.6754074 , 0.80703366], dtype=float32), array([0.          , 1.          , 0.9950133 , 0.668
0.78008246, 0.7692803 ], dtype=float32), array([0.          , 1.          , 0.95302826, 0.797
0.921819  , 0.6753887 ], dtype=float32), array([0.          , 1.          , 0.6042352 , 0.630
0.64647406, 0.3006539 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9987467 , 0.30985165, 0.24492761,
0.44953543, 0.8638613 ], dtype=float32), array([0.          , 1.          , 0.997732  , 0.050
0.22314966, 0.9544654 ], dtype=float32), array([0.          , 1.          , 0.9966654 , 0.522
0.67463195, 0.80838037], dtype=float32), array([0.          , 1.          , 0.994899  , 0.667
0.780301  , 0.76994514], dtype=float32), array([0.          , 1.          , 0.9540597 , 0.798
0.9217434 , 0.6739846 ], dtype=float32), array([0.          , 1.          , 0.6921429 , 0.900
0.9532614 , 0.5300556 ], dtype=float32), array([0.          , 1.          , 0.605831  , 0.716
0.7903298 , 0.6405473 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99872136, 0.31002104, 0.24447048,
0.44954443, 0.863744  ], dtype=float32), array([0.          , 1.          , 0.9975358 , 0.050
0.22276711, 0.9528881 ], dtype=float32), array([0.          , 1.          , 0.9963337 , 0.525
0.67354596, 0.8060876 ], dtype=float32), array([0.          , 1.          , 0.99463767, 0.667
0.780129  , 0.76865983], dtype=float32), array([0.          , 1.          , 0.956909  , 0.797
0.9212108 , 0.674581  ], dtype=float32), array([0.          , 1.          , 0.8025997 , 0.901
0.954543  , 0.5288899 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99872583, 0.30983233, 0.24444658,
        0.44982493, 0.86477906], dtype=float32), array([0.          , 1.          , 0.997804   , 0.052
        0.2223607 , 0.9546486 ], dtype=float32), array([0.          , 1.          , 0.9962817 , 0.530
        0.67333025, 0.8074846 ], dtype=float32), array([0.          , 1.          , 0.99369776, 0.667
        0.7797748 , 0.7664722 ], dtype=float32), array([0.          , 1.          , 0.9553101 , 0.796
        0.92121166, 0.6733991 ], dtype=float32), array([0.          , 1.          , 0.80556256, 0.902
        0.9587995 , 0.53663564], dtype=float32), array([0.          , 1.          , 0.6449375, 0.718077
        0.6402925], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987417 , 0.3099358 , 0.24397159,
        0.44987077, 0.8631921 ], dtype=float32), array([0.          , 1.          , 0.9980495 , 0.053
        0.22212815, 0.9519056 ], dtype=float32), array([0.          , 1.          , 0.99588495, 0.527
        0.6733521 , 0.8073057 ], dtype=float32), array([0.          , 1.          , 0.99388945, 0.667
        0.78008425, 0.7653826 ], dtype=float32), array([0.          , 1.          , 0.9561367 , 0.796
        0.9215374 , 0.6748576 ], dtype=float32), array([0.          , 1.          , 0.8039978 , 0.901
        0.9584444 , 0.53580946], dtype=float32), array([0.          , 1.          , 0.65204215, 0.717
        0.7919395 , 0.6409071 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998511   , 0.31020635, 0.24408215,
        0.4499734 , 0.8670581 ], dtype=float32), array([0.          , 1.          , 0.9980451 , 0.053
        0.22209758, 0.9554452 ], dtype=float32), array([0.          , 1.          , 0.9965771 , 0.526
        0.67447686, 0.80585605], dtype=float32), array([0.          , 1.          , 0.99241996, 0.667
        0.77922994, 0.76386917], dtype=float32), array([0.          , 1.          , 0.94813937, 0.796
        0.9213613 , 0.67263556], dtype=float32), array([0.          , 1.          , 0.8053603 , 0.901
        0.9583316 , 0.53626955], dtype=float32), array([0.          , 1.          , 0.6560325 , 0.717
        0.7913164 , 0.6432546 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984849 , 0.3102824 , 0.24390846,
        0.45040184, 0.8689646 ], dtype=float32), array([0.          , 1.          , 0.99792284, 0.052
        0.22261697, 0.9546829 ], dtype=float32), array([0.          , 1.          , 0.9969355 , 0.519
        0.6736633 , 0.80833346], dtype=float32), array([0.          , 1.          , 0.992067   , 0.667
        0.7787021 , 0.7632233 ], dtype=float32), array([0.          , 1.          , 0.95089245, 0.797
        0.9213096 , 0.6723732 ], dtype=float32), array([0.          , 1.          , 0.7532461 , 0.901
        0.95729244, 0.5347247 ], dtype=float32), array([0.          , 1.          , 0.69816256, 0.717
        0.79071176, 0.64155495], dtype=float32)]
```

Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99849665, 0.31048027, 0.24429855,
        0.4501486 , 0.8696685 ], dtype=float32), array([0.          , 1.          , 0.9979511 , 0.050
        0.22296667, 0.9536188 ], dtype=float32), array([0.          , 1.          , 0.9978827 , 0.514
        0.6733196 , 0.8124192 ], dtype=float32), array([0.          , 1.          , 0.9918282 , 0.667
        0.7784766 , 0.7635428 ], dtype=float32), array([0.          , 1.          , 0.9487107 , 0.797
        0.9214453 , 0.67205846], dtype=float32), array([0.          , 1.          , 0.77170706, 0.901
        0.9574067 , 0.53443545], dtype=float32), array([0.          , 1.          , 0.66578394, 0.718
        0.7907212 , 0.6418335 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99852186, 0.3104349 , 0.24424645,
        0.45073387, 0.8691114 ], dtype=float32), array([0.          , 1.          , 0.9978714 , 0.048
        0.22786404, 0.96619457], dtype=float32), array([0.          , 1.          , 0.99685127, 0.513
        0.67252094, 0.80824375], dtype=float32), array([0.          , 1.          , 0.9926097 , 0.667
        0.77886623, 0.76538575], dtype=float32), array([0.          , 1.          , 0.9505828 , 0.796
        0.9215096 , 0.67329097], dtype=float32), array([0.          , 1.          , 0.72267705, 0.901
        0.9582869 , 0.53571105], dtype=float32), array([0.          , 1.          , 0.662446 , 0.718
        0.7912418 , 0.6435346 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99846387, 0.3101222 , 0.24415264,
        0.45102072, 0.870052 ], dtype=float32), array([0.          , 1.          , 0.9979913 , 0.046
        0.22810216, 0.96696746], dtype=float32), array([0.          , 1.          , 0.9970927 , 0.506
        0.66911 , 0.8197962 ], dtype=float32), array([0.          , 1.          , 0.99261934, 0.667
        0.7786455 , 0.7636873 ], dtype=float32), array([0.          , 1.          , 0.9514403 , 0.797
        0.9212929 , 0.67373896], dtype=float32), array([0.          , 1.          , 0.7088401 , 0.719
        0.79177886, 0.64105284], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99847466, 0.31002754, 0.24403393,
        0.45163596, 0.87026095], dtype=float32), array([0.          , 1.          , 0.9981279 , 0.045
        0.22847733, 0.9659629 ], dtype=float32), array([0.          , 1.          , 0.99739647, 0.505
        0.67070574, 0.81862164], dtype=float32), array([0.          , 1.          , 0.99277484, 0.667
        0.7790794 , 0.7669774 ], dtype=float32), array([0.          , 1.          , 0.96354574, 0.797
        0.9206081 , 0.6747575 ], dtype=float32), array([0.          , 1.          , 0.799538 , 0.902

```

```

        0.95523167, 0.53069645], dtype=float32), array([0.          , 1.          , 0.67976725, 0.720
        0.79256636, 0.6415102 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99844307, 0.309914   , 0.24430084,
        0.45190424, 0.86785305], dtype=float32), array([0.          , 1.          , 0.99809974, 0.045
        0.22854   , 0.9665923 ], dtype=float32), array([0.          , 1.          , 0.9972777   , 0.504
        0.6710442 , 0.8186274 ], dtype=float32), array([0.          , 1.          , 0.99256563, 0.667
        0.77861017, 0.76648355], dtype=float32), array([0.          , 1.          , 0.9609894   , 0.797
        0.92089957, 0.67459375], dtype=float32), array([0.          , 1.          , 0.8068392   , 0.901
        0.95474994, 0.5312637 ], dtype=float32), array([0.          , 1.          , 0.686092   , 0.720
        0.7920453 , 0.63820773], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982734 , 0.31020883, 0.24496266,
        0.45153835, 0.8676076 ], dtype=float32), array([0.          , 1.          , 0.99808943, 0.044
        0.22861537, 0.96571183], dtype=float32), array([0.          , 1.          , 0.99705696, 0.506
        0.6747114 , 0.814268  ], dtype=float32), array([0.          , 1.          , 0.9925718   , 0.666
        0.77917165, 0.7686661 ], dtype=float32), array([0.          , 1.          , 0.96267617, 0.797
        0.920586   , 0.67516273], dtype=float32), array([0.          , 1.          , 0.7942242   , 0.901
        0.954134   , 0.5285258 ], dtype=float32), array([0.          , 1.          , 0.7091639   , 0.741
        0.80276793, 0.6000404 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99830556, 0.31044185, 0.25689793,
        0.45369983, 0.8653735 ], dtype=float32), array([0.          , 1.          , 0.99810094, 0.044
        0.22876951, 0.96522653], dtype=float32), array([0.          , 1.          , 0.99667287, 0.504
        0.67537624, 0.8154539 ], dtype=float32), array([0.          , 1.          , 0.9926449   , 0.666
        0.7801272 , 0.76814425], dtype=float32), array([0.          , 1.          , 0.9513982   , 0.793
        0.92073536, 0.67596006], dtype=float32), array([0.          , 1.          , 0.7334347   , 0.901
        0.9543981 , 0.52703035], dtype=float32), array([0.          , 1.          , 0.6795528   , 0.740
        0.8043735 , 0.5989764 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99832433, 0.31135875, 0.25655845,
        0.4532969 , 0.8657172 ], dtype=float32), array([0.          , 1.          , 0.99806684, 0.045

```



```

0.22851682, 0.9660013 ], dtype=float32), array([0.          , 1.          , 0.9965528, 0.504127
0.8142654], dtype=float32), array([0.          , 1.          , 0.993206 , 0.6668298 , 0.2497
0.78010416, 0.7675491 ], dtype=float32), array([0.          , 1.          , 0.95526403, 0.793
0.9209176 , 0.67596614], dtype=float32), array([0.          , 1.          , 0.6961263 , 0.740
0.8043052 , 0.5985912 ], dtype=float32), array([0.          , 1.          , 0.6952839 , 0.902
0.95639884, 0.53078824], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982461 , 0.31174928, 0.2557556 ,
0.45302808, 0.8670681 ], dtype=float32), array([0.          , 1.          , 0.99783903, 0.046
0.22808027, 0.9677134 ], dtype=float32), array([0.          , 1.          , 0.9967344 , 0.507
0.67798376, 0.8135484 ], dtype=float32), array([0.          , 1.          , 0.99189985, 0.666
0.78038114, 0.7679763 ], dtype=float32), array([0.          , 1.          , 0.94521487, 0.793
0.92096907, 0.6758435 ], dtype=float32), array([0.          , 1.          , 0.6939612 , 0.738
0.8032661 , 0.5985606 ], dtype=float32), array([0.          , 1.          , 0.68492836, 0.901
0.9572158 , 0.5305922 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982632 , 0.31172302, 0.2554314 ,
0.45321283, 0.8643367 ], dtype=float32), array([0.          , 1.          , 0.9978425 , 0.046
0.22811535, 0.9681774 ], dtype=float32), array([0.          , 1.          , 0.9970512 , 0.514
0.67957383, 0.8117706 ], dtype=float32), array([0.          , 1.          , 0.9921449 , 0.667
0.781194 , 0.7688763 ], dtype=float32), array([0.          , 1.          , 0.9438014 , 0.792
0.9214378 , 0.67546695], dtype=float32), array([0.          , 1.          , 0.71345997, 0.737
0.80339396, 0.5980308 ], dtype=float32), array([0.          , 1.          , 0.70144546, 0.902
0.95766824, 0.53136 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981773 , 0.3124791 , 0.2552934 ,
0.45272347, 0.8668902 ], dtype=float32), array([0.          , 1.          , 0.99781823, 0.046
0.22800814, 0.968812 ], dtype=float32), array([0.          , 1.          , 0.99761486, 0.514
0.6803887 , 0.81043833], dtype=float32), array([0.          , 1.          , 0.9920257 , 0.667
0.78199506, 0.76896536], dtype=float32), array([0.          , 1.          , 0.94017756, 0.792
0.9211127 , 0.6758634 ], dtype=float32), array([0.          , 1.          , 0.6937912 , 0.736
0.8024066 , 0.596887 ], dtype=float32), array([0.          , 1.          , 0.692076 , 0.903
0.95889 , 0.5324131 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.99818194, 0.3132488 , 0.25555602,
        0.45181918, 0.8661897 ], dtype=float32), array([0.          , 1.          , 0.9978765 , 0.045
        0.22834662, 0.9697531 ], dtype=float32), array([0.          , 1.          , 0.9973871 , 0.513
        0.6809741 , 0.8104671 ], dtype=float32), array([0.          , 1.          , 0.99115026, 0.669
        0.783845 , 0.76736724], dtype=float32), array([0.          , 1.          , 0.94456065, 0.791
        0.9211267 , 0.6757692 ], dtype=float32), array([0.          , 1.          , 0.7726966 , 0.737
        0.80433494, 0.59746766], dtype=float32), array([0.          , 1.          , 0.71809834, 0.903
        0.9598585 , 0.53175986], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981348 , 0.04454742, 0.26330763,
        0.22869195, 0.96672577], dtype=float32), array([0.          , 1.          , 0.99804324, 0.313
        0.4515776 , 0.867947 ], dtype=float32), array([0.          , 1.          , 0.99733233, 0.512
        0.6809279 , 0.8118634 ], dtype=float32), array([0.          , 1.          , 0.99110156, 0.669
        0.7842041 , 0.766805 ], dtype=float32), array([0.          , 1.          , 0.94378567, 0.792
        0.9203194 , 0.675786 ], dtype=float32), array([0.          , 1.          , 0.7654058 , 0.736
        0.8038218 , 0.5993343 ], dtype=float32), array([0.          , 1.          , 0.68139315, 0.903
        0.95943415, 0.53413606], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982414 , 0.04310875, 0.26496428,
        0.22870179, 0.9662699 ], dtype=float32), array([0.          , 1.          , 0.99818516, 0.314
        0.45087877, 0.86900365], dtype=float32), array([0.          , 1.          , 0.99727386, 0.509
        0.68156546, 0.8125874 ], dtype=float32), array([0.          , 1.          , 0.9911477 , 0.668
        0.78522086, 0.768502 ], dtype=float32), array([0.          , 1.          , 0.9534904 , 0.794
        0.91997105, 0.6761637 ], dtype=float32), array([0.          , 1.          , 0.77382654, 0.739
        0.8047481 , 0.59601945], dtype=float32), array([0.          , 1.          , 0.6926458 , 0.903
        0.9593098 , 0.5335883 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99816304, 0.3157969 , 0.25530958,
        0.4504118 , 0.86646795], dtype=float32), array([0.          , 1.          , 0.9981548 , 0.043
        0.2289367 , 0.9672067 ], dtype=float32), array([0.          , 1.          , 0.9969382 , 0.509
        0.6814426 , 0.81168526], dtype=float32), array([0.          , 1.          , 0.99116 , 0.668
        0.78437966, 0.76907045], dtype=float32), array([0.          , 1.          , 0.9567296 , 0.796
        0.919792 , 0.6745154 ], dtype=float32), array([0.          , 1.          , 0.72709453, 0.741
        0.8049798 , 0.59874 ], dtype=float32), array([0.          , 1.          , 0.65627456, 0.903
```

```

    0.9594551 , 0.5355202 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982986 , 0.04345211, 0.2671717 ,
        0.22891727, 0.96639526], dtype=float32), array([0.          , 1.          , 0.99816066, 0.317
        0.4495625 , 0.8668008 ], dtype=float32), array([0.          , 1.          , 0.9971142 , 0.507
        0.6799638 , 0.81456804], dtype=float32), array([0.          , 1.          , 0.9916574 , 0.668
        0.78536737, 0.76970804], dtype=float32), array([0.          , 1.          , 0.9581514 , 0.796
        0.91985077, 0.6755232 ], dtype=float32), array([0.          , 1.          , 0.71153295, 0.903
        0.9593041 , 0.53363097], dtype=float32), array([0.          , 1.          , 0.6932563 , 0.742
        0.8053034 , 0.59670526], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981263 , 0.04399082, 0.26668578,
        0.228766 , 0.96759707], dtype=float32), array([0.          , 1.          , 0.9980636 , 0.316
        0.45031473, 0.8669585 ], dtype=float32), array([0.          , 1.          , 0.9973461 , 0.508
        0.6785887 , 0.81233245], dtype=float32), array([0.          , 1.          , 0.99253196, 0.667
        0.78607947, 0.77258366], dtype=float32), array([0.          , 1.          , 0.95568377, 0.796
        0.9198341 , 0.6755532 ], dtype=float32), array([0.          , 1.          , 0.6863101 , 0.903
        0.9591703 , 0.535776 ], dtype=float32), array([0.          , 1.          , 0.63436747, 0.739
        0.8029694 , 0.5958029 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99818075, 0.04409129, 0.2676448 ,
        0.22884786, 0.96793187], dtype=float32), array([0.          , 1.          , 0.9979557 , 0.316
        0.4498509 , 0.8646904 ], dtype=float32), array([0.          , 1.          , 0.99773437, 0.508
        0.67659533, 0.8115691 ], dtype=float32), array([0.          , 1.          , 0.9934341 , 0.668
        0.78798556, 0.77405083], dtype=float32), array([0.          , 1.          , 0.9555465 , 0.795
        0.9199916 , 0.6748854 ], dtype=float32), array([0.          , 1.          , 0.74009335, 0.743
        0.80567884, 0.5897397 ], dtype=float32), array([0.          , 1.          , 0.6891285 , 0.902
        0.95972896, 0.5334557 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981298 , 0.0441649 , 0.26787618,
        0.22873884, 0.96704423], dtype=float32), array([0.          , 1.          , 0.9980909 , 0.316
        0.45005882, 0.86638004], dtype=float32), array([0.          , 1.          , 0.997804 , 0.504

```

```

0.67507416, 0.8127005 ], dtype=float32), array([0.          , 1.          , 0.9946846 , 0.668
0.7890861 , 0.7749255 ], dtype=float32), array([0.          , 1.          , 0.9485487 , 0.793
0.92044365, 0.67544997], dtype=float32), array([0.          , 1.          , 0.64204043, 0.902
0.96035457, 0.5358631 ], dtype=float32), array([0.          , 1.          , 0.63098955, 0.743
0.8062087 , 0.5877813 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983241, 0.3177914, 0.2567501, 0.4503615,
0.8647826], dtype=float32), array([0.          , 1.          , 0.9981705 , 0.04419199, 0.2692
0.2285676 , 0.9675909 ], dtype=float32), array([0.          , 1.          , 0.9978186 , 0.500
0.6733128 , 0.8131906 ], dtype=float32), array([0.          , 1.          , 0.99555176, 0.666
0.7891206 , 0.77438325], dtype=float32), array([0.          , 1.          , 0.9421862 , 0.793
0.9209682 , 0.674284  ], dtype=float32), array([0.          , 1.          , 0.6472257 , 0.902
0.95934516, 0.5319152 ], dtype=float32), array([0.          , 1.          , 0.61600226, 0.629
0.6466466 , 0.30020735], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99824214, 0.3183468 , 0.25630465,
0.4503824 , 0.86477256], dtype=float32), array([0.          , 1.          , 0.99807787, 0.044
0.22837436, 0.9674032 ], dtype=float32), array([0.          , 1.          , 0.99789816, 0.500
0.6720553 , 0.8152262 ], dtype=float32), array([0.          , 1.          , 0.99478614, 0.665
0.78708404, 0.77296925], dtype=float32), array([0.          , 1.          , 0.9431486 , 0.793
0.92066425, 0.67503786], dtype=float32), array([0.          , 1.          , 0.6584431 , 0.745
0.8041863 , 0.587488  ], dtype=float32), array([0.          , 1.          , 0.605344 , 0.900
0.95834947, 0.5294955 ], dtype=float32), array([0.          , 1.          , 0.604935 , 0.630
0.64722544, 0.30065778], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982072 , 0.3186229 , 0.25761858,
0.4498673 , 0.86461186], dtype=float32), array([0.          , 1.          , 0.9980569 , 0.044
0.22837263, 0.9670515 ], dtype=float32), array([0.          , 1.          , 0.997985 , 0.501
0.6716647 , 0.8151588 ], dtype=float32), array([0.          , 1.          , 0.99417263, 0.664
0.7859721 , 0.7714838 ], dtype=float32), array([0.          , 1.          , 0.9498012 , 0.793
0.92074776, 0.67601526], dtype=float32), array([0.          , 1.          , 0.69547576, 0.744
0.8032372 , 0.5945518 ], dtype=float32), array([0.          , 1.          , 0.6245238 , 0.919
0.98815215, 0.5576793 ], dtype=float32), array([0.          , 1.          , 0.62323105, 0.629
0.64649117, 0.30098948], dtype=float32), array([0.          , 1.          , 0.6169622 , 0.901
0.95995593, 0.53178835], dtype=float32)]
Total People in frame = 9

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99823207, 0.31898865, 0.25752103,
        0.44963315, 0.86095667], dtype=float32), array([0.          , 1.          , 0.9980143 , 0.044
        0.22814217, 0.96743774], dtype=float32), array([0.          , 1.          , 0.99754673, 0.498
        0.6703964 , 0.81186724], dtype=float32), array([0.          , 1.          , 0.9926388 , 0.665
        0.7847845 , 0.7698626 ], dtype=float32), array([0.          , 1.          , 0.94727   , 0.792
        0.92038244, 0.67739177], dtype=float32), array([0.          , 1.          , 0.84760445, 0.746
        0.80574316, 0.5959143 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9985411 , 0.31865025, 0.2565871 ,
        0.4507774 , 0.86235005], dtype=float32), array([0.          , 1.          , 0.9981179 , 0.044
        0.22837842, 0.96624005], dtype=float32), array([0.          , 1.          , 0.99795735, 0.505
        0.6709873 , 0.8139797 ], dtype=float32), array([0.          , 1.          , 0.99308807, 0.666
        0.7855066 , 0.7711749 ], dtype=float32), array([0.          , 1.          , 0.94850796, 0.792
        0.9201337 , 0.6764268 ], dtype=float32), array([0.          , 1.          , 0.87362725, 0.747
        0.80686927, 0.59236574], dtype=float32), array([0.          , 1.          , 0.6695358 , 0.629
        0.6462579 , 0.30125102], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984913 , 0.3190844 , 0.2546772 ,
        0.45047796, 0.863528  ], dtype=float32), array([0.          , 1.          , 0.99810356, 0.044
        0.22835436, 0.9662583 ], dtype=float32), array([0.          , 1.          , 0.99801505, 0.509
        0.6718233 , 0.81457484], dtype=float32), array([0.          , 1.          , 0.9926884 , 0.665
        0.78436756, 0.7714584 ], dtype=float32), array([0.          , 1.          , 0.95426667, 0.794
        0.9199263 , 0.6769687 ], dtype=float32), array([0.          , 1.          , 0.92173046, 0.749
        0.8096443 , 0.58997256], dtype=float32), array([0.          , 1.          , 0.6253723 , 0.629
        0.64649874, 0.30131122], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99858654, 0.31882554, 0.2547289 ,
        0.4512825 , 0.86131847], dtype=float32), array([0.          , 1.          , 0.9983358 , 0.513
        0.6713197 , 0.81692076], dtype=float32), array([0.          , 1.          , 0.9981785 , 0.044
        0.22875771, 0.967041  ], dtype=float32), array([0.          , 1.          , 0.99266243, 0.664
        0.78415966, 0.7729562 ], dtype=float32), array([0.          , 1.          , 0.9597485 , 0.796
        0.91947865, 0.67538875], dtype=float32), array([0.          , 1.          , 0.9006939 , 0.748
```

```

        0.811272 , 0.5945519 ], dtype=float32), array([0.          , 1.          , 0.6642573 , 0.629
        0.64584684, 0.30139378], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9986688 , 0.5229253 , 0.21988738,
        0.6726883 , 0.8151314 ], dtype=float32), array([0.          , 1.          , 0.9986335 , 0.318
        0.45277148, 0.8613059 ], dtype=float32), array([0.          , 1.          , 0.998095 , 0.044
        0.22836149, 0.96721524], dtype=float32), array([0.          , 1.          , 0.99179405, 0.664
        0.78319144, 0.7724704 ], dtype=float32), array([0.          , 1.          , 0.9663186 , 0.798
        0.91950977, 0.6745613 ], dtype=float32), array([0.          , 1.          , 0.9199648 , 0.751
        0.81030285, 0.5894652 ], dtype=float32), array([0.          , 1.          , 0.6706566 , 0.914
        0.992131 , 0.55779266], dtype=float32), array([0.          , 1.          , 0.6691155 , 0.629
        0.64607567, 0.3008759 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985662 , 0.3188272 , 0.25502318,
        0.45215064, 0.86093456], dtype=float32), array([0.          , 1.          , 0.9984836 , 0.526
        0.67288685, 0.81169635], dtype=float32), array([0.          , 1.          , 0.99815345, 0.044
        0.22840334, 0.96482253], dtype=float32), array([0.          , 1.          , 0.99140185, 0.663
        0.7830783 , 0.7722508 ], dtype=float32), array([0.          , 1.          , 0.9661895 , 0.798
        0.91966766, 0.6746109 ], dtype=float32), array([0.          , 1.          , 0.917388 , 0.751
        0.80952513, 0.59068125], dtype=float32), array([0.          , 1.          , 0.7330933 , 0.915
        0.99165833, 0.5592588 ], dtype=float32), array([0.          , 1.          , 0.71671534, 0.629
        0.6457152 , 0.30109635], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99859565, 0.31890935, 0.25531423,
        0.45219332, 0.8612244 ], dtype=float32), array([0.          , 1.          , 0.99840385, 0.531
        0.6721422 , 0.80950844], dtype=float32), array([0.          , 1.          , 0.9981102 , 0.044
        0.22844422, 0.9656067 ], dtype=float32), array([0.          , 1.          , 0.9915521 , 0.663
        0.78284705, 0.77346945], dtype=float32), array([0.          , 1.          , 0.96702766, 0.799
        0.92014605, 0.6741219 ], dtype=float32), array([0.          , 1.          , 0.90697384, 0.747
        0.81065917, 0.5989514 ], dtype=float32), array([0.          , 1.          , 0.79187816, 0.914
        0.993278 , 0.55931973], dtype=float32), array([0.          , 1.          , 0.6563701 , 0.629
        0.6460148 , 0.30032974], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2

```

Running Inference

```
[array([0.          , 1.          , 0.998495  , 0.31608456, 0.25502646,
        0.4528619 , 0.86000884], dtype=float32), array([0.          , 1.          , 0.9980476 , 0.044
        0.22815877, 0.96528447], dtype=float32), array([0.          , 1.          , 0.997473  , 0.533
        0.67276275, 0.80923617], dtype=float32), array([0.          , 1.          , 0.99022025, 0.663
        0.7819856 , 0.7741177 ], dtype=float32), array([0.          , 1.          , 0.9688186 , 0.799
        0.9201499 , 0.6752543 ], dtype=float32), array([0.          , 1.          , 0.9034379 , 0.748
        0.81072795, 0.5976027 ], dtype=float32), array([0.          , 1.          , 0.78591585, 0.915
        0.99257743, 0.5587831 ], dtype=float32), array([0.          , 1.          , 0.6811388 , 0.629
        0.64550376, 0.3015663 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99811745, 0.31512812, 0.25517088,
        0.45151058, 0.86050767], dtype=float32), array([0.          , 1.          , 0.9979403 , 0.044
        0.22796081, 0.966125  ], dtype=float32), array([0.          , 1.          , 0.9969649 , 0.535
        0.6729515 , 0.80982053], dtype=float32), array([0.          , 1.          , 0.99034476, 0.663
        0.7817554 , 0.7721627 ], dtype=float32), array([0.          , 1.          , 0.96552247, 0.798
        0.92022777, 0.67534465], dtype=float32), array([0.          , 1.          , 0.9111052 , 0.744
        0.80897665, 0.60153025], dtype=float32), array([0.          , 1.          , 0.68595755, 0.915
        0.9905703 , 0.55916196], dtype=float32), array([0.          , 1.          , 0.6592265 , 0.629
        0.64572763, 0.30059606], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983771 , 0.31059638, 0.2442207 ,
        0.44895437, 0.86120856], dtype=float32), array([0.          , 1.          , 0.99800736, 0.044
        0.2281813 , 0.965327  ], dtype=float32), array([0.          , 1.          , 0.99725336, 0.535
        0.67278427, 0.81175923], dtype=float32), array([0.          , 1.          , 0.9901349 , 0.664
        0.7817508 , 0.7708962 ], dtype=float32), array([0.          , 1.          , 0.9662467 , 0.798
        0.9204341 , 0.6750272 ], dtype=float32), array([0.          , 1.          , 0.89799976, 0.744
        0.8083005 , 0.6004438 ], dtype=float32), array([0.          , 1.          , 0.6883308 , 0.917
        0.9902267 , 0.5582186 ], dtype=float32), array([0.          , 1.          , 0.66616565, 0.629
        0.6453079 , 0.30107677], dtype=float32), array([0.          , 1.          , 0.6368207 , 0.900
        0.96003914, 0.53304946], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985322 , 0.3105184 , 0.24513063,
        0.44759062, 0.861706  ], dtype=float32), array([0.          , 1.          , 0.9979284 , 0.044
        0.2280772 , 0.96639454], dtype=float32), array([0.          , 1.          , 0.9974259 , 0.535
        0.67273337, 0.81221586], dtype=float32), array([0.          , 1.          , 0.99043876, 0.664
```

```

    0.78045124, 0.7707616 ], dtype=float32), array([0.          , 1.          , 0.96331733, 0.798
    0.92078906, 0.67409694], dtype=float32), array([0.          , 1.          , 0.8736225 , 0.742
    0.80661696, 0.6002373 ], dtype=float32), array([0.          , 1.          , 0.66272   , 0.900
    0.9593683 , 0.53275853], dtype=float32), array([0.          , 1.          , 0.64979017, 0.629
    0.64592063, 0.3010155 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99854505, 0.3108583 , 0.24519107,
    0.4473319 , 0.86211944], dtype=float32), array([0.          , 1.          , 0.9980753 , 0.044
    0.22802857, 0.96725106], dtype=float32), array([0.          , 1.          , 0.99783653, 0.534
    0.6729514 , 0.8133013 ], dtype=float32), array([0.          , 1.          , 0.9910535 , 0.665
    0.78021634, 0.7710833 ], dtype=float32), array([0.          , 1.          , 0.96199226, 0.797
    0.92106855, 0.6742994 ], dtype=float32), array([0.          , 1.          , 0.891426   , 0.742
    0.8063043 , 0.5971692 ], dtype=float32), array([0.          , 1.          , 0.70036054, 0.901
    0.95924675, 0.53270525], dtype=float32), array([0.          , 1.          , 0.69560754, 0.936
    0.9808306 , 0.3734889 ], dtype=float32), array([0.          , 1.          , 0.69316787, 0.629
    0.6453418 , 0.30156893], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985026 , 0.3111174 , 0.24580097,
    0.44711506, 0.86181486], dtype=float32), array([0.          , 1.          , 0.998094   , 0.043
    0.22807467, 0.9676322 ], dtype=float32), array([0.          , 1.          , 0.99794453, 0.534
    0.6729276 , 0.813117   ], dtype=float32), array([0.          , 1.          , 0.9904149 , 0.664
    0.77974015, 0.7683684 ], dtype=float32), array([0.          , 1.          , 0.9600288 , 0.797
    0.9205616 , 0.67291397], dtype=float32), array([0.          , 1.          , 0.8796238 , 0.740
    0.8062132 , 0.5984632 ], dtype=float32), array([0.          , 1.          , 0.7433944 , 0.901
    0.95850974, 0.5317615 ], dtype=float32), array([0.          , 1.          , 0.6930146 , 0.629
    0.6460213 , 0.30147243], dtype=float32), array([0.          , 1.          , 0.682455   , 0.935
    0.9811753 , 0.3725378 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985318 , 0.31133172, 0.24484247,
    0.4462935 , 0.86336774], dtype=float32), array([0.          , 1.          , 0.9981196 , 0.044
    0.22794427, 0.96785533], dtype=float32), array([0.          , 1.          , 0.9979043 , 0.534
    0.673688   , 0.810845   ], dtype=float32), array([0.          , 1.          , 0.9911321 , 0.664
    0.7793691 , 0.7680352 ], dtype=float32), array([0.          , 1.          , 0.96153486, 0.798
    0.9205899 , 0.67319846], dtype=float32), array([0.          , 1.          , 0.85532457, 0.739
    0.80492693, 0.59886193], dtype=float32), array([0.          , 1.          , 0.7962995 , 0.902
    0.95810056, 0.53012466], dtype=float32), array([0.          , 1.          , 0.73121095, 0.936

```



```

        0.98102456, 0.37413567], dtype=float32), array([0.          , 1.          , 0.668622  , 0.629
        0.64586973, 0.30159757], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985833 , 0.31148517, 0.24450478,
        0.44600773, 0.8617269 ], dtype=float32), array([0.          , 1.          , 0.9981268 , 0.043
        0.2279213 , 0.96704626], dtype=float32), array([0.          , 1.          , 0.9977467 , 0.533
        0.67343235, 0.8088414 ], dtype=float32), array([0.          , 1.          , 0.9914192 , 0.665
        0.7789846 , 0.769191  ], dtype=float32), array([0.          , 1.          , 0.9603885 , 0.797
        0.9203605 , 0.67223567], dtype=float32), array([0.          , 1.          , 0.84389395, 0.740
        0.80479515, 0.5970111 ], dtype=float32), array([0.          , 1.          , 0.7989039 , 0.901
        0.9577496 , 0.53126323], dtype=float32), array([0.          , 1.          , 0.6908943 , 0.936
        0.9812971 , 0.37232384], dtype=float32), array([0.          , 1.          , 0.62863195, 0.630
        0.64653474, 0.3011489 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985777 , 0.31145933, 0.24423265,
        0.4458113 , 0.8613899 ], dtype=float32), array([0.          , 1.          , 0.998161  , 0.044
        0.22818568, 0.9659327 ], dtype=float32), array([0.          , 1.          , 0.9973621 , 0.533
        0.67247814, 0.8085891 ], dtype=float32), array([0.          , 1.          , 0.9911618 , 0.666
        0.7792694 , 0.7673869 ], dtype=float32), array([0.          , 1.          , 0.95895475, 0.797
        0.9207649 , 0.67346597], dtype=float32), array([0.          , 1.          , 0.83131176, 0.901
        0.9580873 , 0.5302998 ], dtype=float32), array([0.          , 1.          , 0.8079469 , 0.738
        0.8040731 , 0.5986962 ], dtype=float32), array([0.          , 1.          , 0.72102404, 0.936
        0.9817419 , 0.37429446], dtype=float32), array([0.          , 1.          , 0.6171897 , 0.630
        0.6464181 , 0.30131522], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99862826, 0.31131595, 0.24414235,
        0.44607276, 0.861064  ], dtype=float32), array([0.          , 1.          , 0.99819916, 0.044
        0.22820106, 0.96571374], dtype=float32), array([0.          , 1.          , 0.99718827, 0.533
        0.67214966, 0.80861133], dtype=float32), array([0.          , 1.          , 0.99134153, 0.665
        0.7794279 , 0.76768756], dtype=float32), array([0.          , 1.          , 0.9558897 , 0.796
        0.9207086 , 0.67193604], dtype=float32), array([0.          , 1.          , 0.8095444 , 0.737
        0.80307263, 0.59761333], dtype=float32), array([0.          , 1.          , 0.80934656, 0.901
        0.9573623 , 0.531376  ], dtype=float32), array([0.          , 1.          , 0.6981871 , 0.936320
        0.3730732], dtype=float32), array([0.          , 1.          , 0.60200524, 0.6301612 , 0.2314
        0.6466343 , 0.30154207], dtype=float32)]
Total People in frame = 9

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9987055 , 0.31118694, 0.24451926,
        0.44632027, 0.8587043 ], dtype=float32), array([0.          , 1.          , 0.9981621 , 0.044
        0.22797826, 0.9636718 ], dtype=float32), array([0.          , 1.          , 0.99727094, 0.533
        0.6719941 , 0.8093643 ], dtype=float32), array([0.          , 1.          , 0.99151015, 0.665
        0.7790093 , 0.76831555], dtype=float32), array([0.          , 1.          , 0.9594716 , 0.798
        0.920468 , 0.6729555 ], dtype=float32), array([0.          , 1.          , 0.82319117, 0.901
        0.9558666 , 0.5275659 ], dtype=float32), array([0.          , 1.          , 0.790997 , 0.737
        0.8034622 , 0.5978096 ], dtype=float32), array([0.          , 1.          , 0.67808735, 0.935
        0.98099667, 0.37532562], dtype=float32), array([0.          , 1.          , 0.6270065 , 0.630
        0.64642304, 0.30138212], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99866724, 0.31109124, 0.24443206,
        0.44592756, 0.8585191 ], dtype=float32), array([0.          , 1.          , 0.9981394 , 0.044
        0.22798459, 0.96559215], dtype=float32), array([0.          , 1.          , 0.99702173, 0.532
        0.6715121 , 0.8102324 ], dtype=float32), array([0.          , 1.          , 0.9920887 , 0.665
        0.7779292 , 0.7686008 ], dtype=float32), array([0.          , 1.          , 0.9513039 , 0.796
        0.920165 , 0.67178035], dtype=float32), array([0.          , 1.          , 0.7929746 , 0.900
        0.9548283 , 0.52773213], dtype=float32), array([0.          , 1.          , 0.72487307, 0.935
        0.980913 , 0.3740578 ], dtype=float32), array([0.          , 1.          , 0.7044347 , 0.735
        0.801211 , 0.6003859 ], dtype=float32), array([0.          , 1.          , 0.61069334, 0.630
        0.646763 , 0.30115655], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9987048 , 0.31097272, 0.24414057,
        0.44632694, 0.8593535 ], dtype=float32), array([0.          , 1.          , 0.99818796, 0.043
        0.22786194, 0.9660572 ], dtype=float32), array([0.          , 1.          , 0.99716103, 0.532
        0.6719944 , 0.8116584 ], dtype=float32), array([0.          , 1.          , 0.9924041 , 0.665
        0.7774605 , 0.76832896], dtype=float32), array([0.          , 1.          , 0.95636594, 0.797
        0.9201337 , 0.67256486], dtype=float32), array([0.          , 1.          , 0.80579734, 0.901
        0.95413095, 0.527019 ], dtype=float32), array([0.          , 1.          , 0.715765 , 0.719
        0.7934224 , 0.64047414], dtype=float32), array([0.          , 1.          , 0.6844252 , 0.935
        0.9810677 , 0.37509763], dtype=float32), array([0.          , 1.          , 0.60931194, 0.630
        0.6464016 , 0.30133525], dtype=float32), array([0.          , 1.          , 0.6020497 , 0.954
        0.9986356 , 0.5757866 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9986511 , 0.31103867, 0.24456412,
        0.4465533 , 0.86016816], dtype=float32), array([0.          , 1.          , 0.9980617 , 0.043
        0.22789444, 0.96665144], dtype=float32), array([0.          , 1.          , 0.99737847, 0.529
        0.6715748 , 0.81185794], dtype=float32), array([0.          , 1.          , 0.9929906 , 0.665
        0.77731955, 0.7687675 ], dtype=float32), array([0.          , 1.          , 0.95089656, 0.796
        0.920004 , 0.6718254 ], dtype=float32), array([0.          , 1.          , 0.8279404 , 0.900
        0.9540044 , 0.5272968 ], dtype=float32), array([0.          , 1.          , 0.72664404, 0.935
        0.98110884, 0.3751453 ], dtype=float32), array([0.          , 1.          , 0.71473604, 0.720
        0.7938318 , 0.64010006], dtype=float32), array([0.          , 1.          , 0.60911876, 0.630
        0.646676 , 0.30137044], dtype=float32), array([0.          , 1.          , 0.60025185, 0.954
        0.99885553, 0.57486933], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99865663, 0.31105438, 0.24404815,
        0.4462931 , 0.8626058 ], dtype=float32), array([0.          , 1.          , 0.9981907 , 0.043
        0.22796011, 0.96472824], dtype=float32), array([0.          , 1.          , 0.99756706, 0.529
        0.67230016, 0.8113526 ], dtype=float32), array([0.          , 1.          , 0.99344045, 0.665
        0.7774015 , 0.7694055 ], dtype=float32), array([0.          , 1.          , 0.956233 , 0.796
        0.92013997, 0.6718353 ], dtype=float32), array([0.          , 1.          , 0.78813225, 0.901
        0.9537533 , 0.5262003 ], dtype=float32), array([0.          , 1.          , 0.71150315, 0.934
        0.9809914 , 0.37617218], dtype=float32), array([0.          , 1.          , 0.70524204, 0.735
        0.80061483, 0.6018068 ], dtype=float32), array([0.          , 1.          , 0.64929616, 0.629
        0.6460175 , 0.30170876], dtype=float32), array([0.          , 1.          , 0.6318964 , 0.955
        0.9989086 , 0.57406807], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985989 , 0.31116316, 0.24420586,
        0.44620344, 0.86163104], dtype=float32), array([0.          , 1.          , 0.9982986 , 0.043
        0.22830403, 0.9627805 ], dtype=float32), array([0.          , 1.          , 0.9978831 , 0.530
        0.6730751 , 0.81099665], dtype=float32), array([0.          , 1.          , 0.99360234, 0.665
        0.7769497 , 0.7694465 ], dtype=float32), array([0.          , 1.          , 0.9518546 , 0.796
        0.9199035 , 0.67172956], dtype=float32), array([0.          , 1.          , 0.7849916 , 0.900
        0.9532362 , 0.5273419 ], dtype=float32), array([0.          , 1.          , 0.7087609 , 0.935
        0.981063 , 0.37534094], dtype=float32), array([0.          , 1.          , 0.69922364, 0.720
        0.79374784, 0.6384084 ], dtype=float32), array([0.          , 1.          , 0.65264183, 0.630
        0.64617944, 0.30132064], dtype=float32), array([0.          , 1.          , 0.6323159 , 0.954
        0.9989596 , 0.5739895 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.998604   , 0.3110028 , 0.24331859,
        0.44517577, 0.86155117], dtype=float32), array([0.          , 1.          , 0.9982381 , 0.043
        0.22806033, 0.9636358 ], dtype=float32), array([0.          , 1.          , 0.9980153 , 0.530
        0.6745968 , 0.81162375], dtype=float32), array([0.          , 1.          , 0.992943   , 0.665
        0.77667135, 0.7678915 ], dtype=float32), array([0.          , 1.          , 0.9563729 , 0.797
        0.9199276 , 0.67154694], dtype=float32), array([0.          , 1.          , 0.79141515, 0.901
        0.9539071 , 0.5265491 ], dtype=float32), array([0.          , 1.          , 0.7307112 , 0.721
        0.79368657, 0.6377453 ], dtype=float32), array([0.          , 1.          , 0.70279384, 0.934
        0.98108536, 0.3766057 ], dtype=float32), array([0.          , 1.          , 0.69466376, 0.629
        0.64575833, 0.30123544], dtype=float32), array([0.          , 1.          , 0.6412079 , 0.954
        0.99868476, 0.5743849 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985441 , 0.3110805 , 0.24330077,
        0.44409636, 0.86390924], dtype=float32), array([0.          , 1.          , 0.998183   , 0.045
        0.22829333, 0.9632256 ], dtype=float32), array([0.          , 1.          , 0.9979816 , 0.528
        0.6754177 , 0.8097618 ], dtype=float32), array([0.          , 1.          , 0.99315405, 0.664
        0.7765365 , 0.7654053 ], dtype=float32), array([0.          , 1.          , 0.9502183 , 0.795
        0.9200117 , 0.6709729 ], dtype=float32), array([0.          , 1.          , 0.7586296 , 0.900
        0.9537904 , 0.52685654], dtype=float32), array([0.          , 1.          , 0.71912825, 0.718
        0.7921191 , 0.64456654], dtype=float32), array([0.          , 1.          , 0.6724614 , 0.630
        0.6460098 , 0.300436  ], dtype=float32), array([0.          , 1.          , 0.6462849 , 0.935
        0.9814966 , 0.37527668], dtype=float32), array([0.          , 1.          , 0.6203674 , 0.955
        0.99897456, 0.5742571 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99855006, 0.31104022, 0.24352434,
        0.4444027 , 0.8633182 ], dtype=float32), array([0.          , 1.          , 0.998253   , 0.527
        0.6750704 , 0.81107104], dtype=float32), array([0.          , 1.          , 0.9981604 , 0.046
        0.22841536, 0.9628421 ], dtype=float32), array([0.          , 1.          , 0.9932833 , 0.666
        0.7769766 , 0.767106  ], dtype=float32), array([0.          , 1.          , 0.9564163 , 0.797
        0.9198538 , 0.67169195], dtype=float32), array([0.          , 1.          , 0.78318936, 0.901
        0.95433134, 0.5266558 ], dtype=float32), array([0.          , 1.          , 0.71679777, 0.719
        0.7927896 , 0.64322925], dtype=float32), array([0.          , 1.          , 0.7139246 , 0.629
        0.6452521 , 0.3007338 ], dtype=float32), array([0.          , 1.          , 0.66192895, 0.956
        0.99925745, 0.57488936], dtype=float32), array([0.          , 1.          , 0.63231766, 0.935
        0.98151803, 0.3758974 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99859506, 0.31119308, 0.24512717,
        0.4447783 , 0.8645139 ], dtype=float32), array([0.          , 1.          , 0.99826056, 0.527
        0.6741854 , 0.8117955 ], dtype=float32), array([0.          , 1.          , 0.997979 , 0.047
        0.2280482 , 0.96584535], dtype=float32), array([0.          , 1.          , 0.99346536, 0.666
        0.7772399 , 0.76628107], dtype=float32), array([0.          , 1.          , 0.95186836, 0.795
        0.9201849 , 0.6716387 ], dtype=float32), array([0.          , 1.          , 0.7653816 , 0.901
        0.95506376, 0.5281119 ], dtype=float32), array([0.          , 1.          , 0.6527344 , 0.630
        0.6459843 , 0.30017278], dtype=float32), array([0.          , 1.          , 0.64664704, 0.717
        0.79284644, 0.64979243], dtype=float32), array([0.          , 1.          , 0.63512856, 0.956
        0.9993549 , 0.5771173 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985923 , 0.3114163 , 0.24548647,
        0.44524738, 0.86162865], dtype=float32), array([0.          , 1.          , 0.99821687, 0.526
        0.6732563 , 0.8121922 ], dtype=float32), array([0.          , 1.          , 0.9975545 , 0.049
        0.22713053, 0.9663646 ], dtype=float32), array([0.          , 1.          , 0.99297863, 0.667
        0.77614075, 0.7659618 ], dtype=float32), array([0.          , 1.          , 0.9541245 , 0.795
        0.92009807, 0.6717556 ], dtype=float32), array([0.          , 1.          , 0.728908 , 0.901
        0.9547061 , 0.5282583 ], dtype=float32), array([0.          , 1.          , 0.6539032 , 0.718
        0.79301554, 0.65057564], dtype=float32), array([0.          , 1.          , 0.64773464, 0.630
        0.6463982 , 0.30054322], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985661 , 0.31149563, 0.24552804,
        0.4451975 , 0.861716 ], dtype=float32), array([0.          , 1.          , 0.99820364, 0.525
        0.6730037 , 0.81105745], dtype=float32), array([0.          , 1.          , 0.99727553, 0.049
        0.2269462 , 0.9682853 ], dtype=float32), array([0.          , 1.          , 0.9922941 , 0.667
        0.7762705 , 0.76492065], dtype=float32), array([0.          , 1.          , 0.9546605 , 0.795
        0.92053103, 0.6724303 ], dtype=float32), array([0.          , 1.          , 0.6942619 , 0.900
        0.95455796, 0.5306913 ], dtype=float32), array([0.          , 1.          , 0.63574606, 0.630
        0.6459145 , 0.2998517 ], dtype=float32), array([0.          , 1.          , 0.62621826, 0.718
        0.7932917 , 0.6529621 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99858713, 0.31134176, 0.24633023,
        0.44577104, 0.86151004], dtype=float32), array([0.          , 1.          , 0.99831975, 0.526
        0.6737873 , 0.80829626], dtype=float32), array([0.          , 1.          , 0.9974179 , 0.051
```

```

0.2227217 , 0.95498526], dtype=float32), array([0.          , 1.          , 0.9929387 , 0.667
0.7762095 , 0.7657523 ], dtype=float32), array([0.          , 1.          , 0.95509785, 0.796
0.9206524 , 0.6713549 ], dtype=float32), array([0.          , 1.          , 0.64283514, 0.900
0.9546107 , 0.53129196], dtype=float32), array([0.          , 1.          , 0.62476164, 0.717
0.79290265, 0.6555165 ], dtype=float32), array([0.          , 1.          , 0.61677986, 0.630
0.6460065 , 0.30021742], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985252 , 0.31113553, 0.24560231,
0.44660372, 0.86112005], dtype=float32), array([0.          , 1.          , 0.99825746, 0.525
0.67413443, 0.8080982 ], dtype=float32), array([0.          , 1.          , 0.9975484 , 0.053
0.22231635, 0.9554507 ], dtype=float32), array([0.          , 1.          , 0.99326056, 0.667
0.7752828 , 0.7651224 ], dtype=float32), array([0.          , 1.          , 0.95603263, 0.796
0.9204501 , 0.6724063 ], dtype=float32), array([0.          , 1.          , 0.6304378 , 0.717
0.79220533, 0.6528451 ], dtype=float32), array([0.          , 1.          , 0.62696606, 0.630
0.64599043, 0.30022696], dtype=float32), array([0.          , 1.          , 0.60803205, 0.900
0.954587 , 0.53229344], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984425 , 0.31116852, 0.2450096 ,
0.4461868 , 0.86182016], dtype=float32), array([0.          , 1.          , 0.9980981 , 0.526
0.6734401 , 0.80789137], dtype=float32), array([0.          , 1.          , 0.99769425, 0.054
0.22213568, 0.95543873], dtype=float32), array([0.          , 1.          , 0.99358046, 0.667
0.7749987 , 0.7657926 ], dtype=float32), array([0.          , 1.          , 0.9561974 , 0.796
0.92042834, 0.67246586], dtype=float32), array([0.          , 1.          , 0.6809103 , 0.738
0.80275506, 0.60512155], dtype=float32), array([0.          , 1.          , 0.6235896 , 0.630
0.64622146, 0.30033055], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984028 , 0.31132248, 0.24393201,
0.44700465, 0.8624512 ], dtype=float32), array([0.          , 1.          , 0.99835926, 0.526
0.6736176 , 0.8084097 ], dtype=float32), array([0.          , 1.          , 0.9978192 , 0.055
0.2221977 , 0.9558231 ], dtype=float32), array([0.          , 1.          , 0.993804 , 0.666
0.77474874, 0.7649268 ], dtype=float32), array([0.          , 1.          , 0.9564234 , 0.796
0.92040795, 0.6724976 ], dtype=float32), array([0.          , 1.          , 0.71472955, 0.738
0.8032108 , 0.604301 ], dtype=float32), array([0.          , 1.          , 0.61373514, 0.899
0.953638 , 0.532768 ], dtype=float32), array([0.          , 1.          , 0.6095657 , 0.630
0.6462868 , 0.30020237], dtype=float32)]
Total People in frame = 8

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982638 , 0.5276375 , 0.22030023,
        0.6726111 , 0.80824685], dtype=float32), array([0.          , 1.          , 0.99816805, 0.311
        0.44675466, 0.8626276 ], dtype=float32), array([0.          , 1.          , 0.9978141 , 0.055
        0.22223727, 0.95547   ], dtype=float32), array([0.          , 1.          , 0.99408543, 0.666
        0.7752439 , 0.7660012 ], dtype=float32), array([0.          , 1.          , 0.9586734 , 0.796
        0.9203847 , 0.6730335 ], dtype=float32), array([0.          , 1.          , 0.7795786 , 0.740
        0.80460703, 0.604573  ], dtype=float32), array([0.          , 1.          , 0.61826736, 0.630
        0.64625627, 0.30023277], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983512 , 0.5285218 , 0.22057647,
        0.672709  , 0.807885  ], dtype=float32), array([0.          , 1.          , 0.9981224 , 0.311
        0.4475152 , 0.86366487], dtype=float32), array([0.          , 1.          , 0.9975828 , 0.054
        0.22200078, 0.9539362 ], dtype=float32), array([0.          , 1.          , 0.9943327 , 0.666
        0.7748445 , 0.76526666], dtype=float32), array([0.          , 1.          , 0.9578784 , 0.796
        0.92031217, 0.6734543 ], dtype=float32), array([0.          , 1.          , 0.8191367 , 0.742
        0.8068022 , 0.60356605], dtype=float32), array([0.          , 1.          , 0.60919   , 0.630
        0.6461634 , 0.30028436], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99836487, 0.5296006 , 0.22089288,
        0.6724014 , 0.80769026], dtype=float32), array([0.          , 1.          , 0.99793255, 0.311
        0.44664627, 0.86327153], dtype=float32), array([0.          , 1.          , 0.9975793 , 0.053
        0.22166975, 0.9526622 ], dtype=float32), array([0.          , 1.          , 0.994461  , 0.666
        0.7746713 , 0.76212656], dtype=float32), array([0.          , 1.          , 0.9567996 , 0.796
        0.9204865 , 0.67232865], dtype=float32), array([0.          , 1.          , 0.8129453 , 0.743
        0.8084987 , 0.6027933 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982817 , 0.5306178 , 0.22122362,
        0.6715657 , 0.80937016], dtype=float32), array([0.          , 1.          , 0.99802876, 0.311
        0.44680882, 0.8639997 ], dtype=float32), array([0.          , 1.          , 0.9976431 , 0.052
        0.22174135, 0.9524385 ], dtype=float32), array([0.          , 1.          , 0.9947896 , 0.667
        0.77499074, 0.76151806], dtype=float32), array([0.          , 1.          , 0.9582892 , 0.796
        0.9204683 , 0.67378336], dtype=float32), array([0.          , 1.          , 0.81682456, 0.745
```

```

        0.8105107 , 0.6026596 ], dtype=float32), array([0.          , 1.          , 0.60484153, 0.900
        0.9531695 , 0.5316557 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99828315, 0.31081915, 0.23822984,
        0.44630975, 0.86359906], dtype=float32), array([0.          , 1.          , 0.9980677 , 0.531
        0.67115384, 0.8096825 ], dtype=float32), array([0.          , 1.          , 0.99783427, 0.051
        0.22156814, 0.95092815], dtype=float32), array([0.          , 1.          , 0.9947625 , 0.666
        0.7749587 , 0.7606913 ], dtype=float32), array([0.          , 1.          , 0.9568511 , 0.796
        0.9209995 , 0.67425257], dtype=float32), array([0.          , 1.          , 0.80176914, 0.745
        0.8113012 , 0.6030518 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99801874, 0.3114312 , 0.238152 ,
        0.44597712, 0.86605406], dtype=float32), array([0.          , 1.          , 0.99780995, 0.533
        0.67071205, 0.8103737 ], dtype=float32), array([0.          , 1.          , 0.9977785 , 0.051
        0.22146416, 0.951062  ], dtype=float32), array([0.          , 1.          , 0.9947248 , 0.665
        0.7753073 , 0.761373  ], dtype=float32), array([0.          , 1.          , 0.9583074 , 0.796
        0.92104214, 0.6730525 ], dtype=float32), array([0.          , 1.          , 0.85451865, 0.745
        0.8108967 , 0.60080165], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980489 , 0.3113943 , 0.23853588,
        0.4461482 , 0.86273193], dtype=float32), array([0.          , 1.          , 0.9978102 , 0.051
        0.22135913, 0.95093703], dtype=float32), array([0.          , 1.          , 0.9977315 , 0.534
        0.6711042 , 0.8102331 ], dtype=float32), array([0.          , 1.          , 0.9947232 , 0.665
        0.77562773, 0.7632946 ], dtype=float32), array([0.          , 1.          , 0.95688236, 0.794
        0.92129564, 0.6748142 ], dtype=float32), array([0.          , 1.          , 0.89501905, 0.744
        0.8095663 , 0.5965488 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.997905 , 0.3113286 , 0.23818219,
        0.44548047, 0.8630047 ], dtype=float32), array([0.          , 1.          , 0.9976806 , 0.050
        0.22128654, 0.9502982 ], dtype=float32), array([0.          , 1.          , 0.9976726 , 0.534
        0.6715269 , 0.80883896], dtype=float32), array([0.          , 1.          , 0.9947706 , 0.666
        0.7752377 , 0.7624874 ], dtype=float32), array([0.          , 1.          , 0.958063 , 0.794

```



```

0.9212025 , 0.67511916], dtype=float32), array([0.          , 1.          , 0.90608937, 0.745
0.81048375, 0.595832  ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977326 , 0.5359963 , 0.22166267,
0.67179716, 0.80846334], dtype=float32), array([0.          , 1.          , 0.9976539 , 0.049
0.22141844, 0.9497402 ], dtype=float32), array([0.          , 1.          , 0.9975255 , 0.311
0.44434643, 0.8635684 ], dtype=float32), array([0.          , 1.          , 0.99468404, 0.665
0.77585447, 0.76311326], dtype=float32), array([0.          , 1.          , 0.9653338 , 0.796567
0.6765224], dtype=float32), array([0.          , 1.          , 0.9405086 , 0.74719036, 0.2309
0.81342363, 0.5982709 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9976684 , 0.32692868, 0.25162256,
0.44728827, 0.8591714 ], dtype=float32), array([0.          , 1.          , 0.99764615, 0.532
0.67180926, 0.8080077 ], dtype=float32), array([0.          , 1.          , 0.99763656, 0.049
0.22153828, 0.9501343 ], dtype=float32), array([0.          , 1.          , 0.994949 , 0.666845
0.7639673], dtype=float32), array([0.          , 1.          , 0.96457034, 0.7967022 , 0.2588
0.9207582 , 0.6770486 ], dtype=float32), array([0.          , 1.          , 0.9537251 , 0.747
0.81289816, 0.5987356 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99775594, 0.05045827, 0.26700836,
0.22183757, 0.9515175 ], dtype=float32), array([0.          , 1.          , 0.99768984, 0.525
0.67284554, 0.8071692 ], dtype=float32), array([0.          , 1.          , 0.99753267, 0.328
0.44594464, 0.85947144], dtype=float32), array([0.          , 1.          , 0.99502593, 0.666
0.7763906 , 0.76521003], dtype=float32), array([0.          , 1.          , 0.95678425, 0.793
0.9211573 , 0.6776695 ], dtype=float32), array([0.          , 1.          , 0.95584947, 0.747
0.8128752 , 0.5983454 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99772257, 0.05028916, 0.26596087,
0.22177303, 0.9507299 ], dtype=float32), array([0.          , 1.          , 0.99762017, 0.329
0.44518614, 0.8625343 ], dtype=float32), array([0.          , 1.          , 0.99759257, 0.528
0.671715 , 0.8077104 ], dtype=float32), array([0.          , 1.          , 0.99487466, 0.667
0.7763691 , 0.7640966 ], dtype=float32), array([0.          , 1.          , 0.96614766, 0.747

```

```

        0.8152285 , 0.60047793], dtype=float32), array([0.          , 1.          , 0.95200604, 0.791
        0.92179227, 0.6790775 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977895 , 0.32909417, 0.25286812,
        0.44498926, 0.86306816], dtype=float32), array([0.          , 1.          , 0.997692 , 0.049
        0.22192514, 0.9512403 ], dtype=float32), array([0.          , 1.          , 0.99695385, 0.533
        0.67124015, 0.8067945 ], dtype=float32), array([0.          , 1.          , 0.9948625 , 0.667
        0.7764826 , 0.7636404 ], dtype=float32), array([0.          , 1.          , 0.9560233 , 0.746
        0.81605947, 0.6018151 ], dtype=float32), array([0.          , 1.          , 0.9436659 , 0.790
        0.923087 , 0.67922306], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99762505, 0.32890713, 0.2527843 ,
        0.44518864, 0.86416847], dtype=float32), array([0.          , 1.          , 0.9975853 , 0.048
        0.22220597, 0.9502474 ], dtype=float32), array([0.          , 1.          , 0.99674255, 0.531
        0.6720044 , 0.80517507], dtype=float32), array([0.          , 1.          , 0.99480104, 0.666
        0.7764103 , 0.76330197], dtype=float32), array([0.          , 1.          , 0.95583445, 0.746
        0.8164203 , 0.6022845 ], dtype=float32), array([0.          , 1.          , 0.93081033, 0.788
        0.92376906, 0.67936444], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9978885 , 0.3284278 , 0.25136825,
        0.44603568, 0.8631276 ], dtype=float32), array([0.          , 1.          , 0.9976564 , 0.047
        0.22733212, 0.96452963], dtype=float32), array([0.          , 1.          , 0.99693716, 0.532
        0.6717384 , 0.8057349 ], dtype=float32), array([0.          , 1.          , 0.9944242 , 0.666
        0.7765111 , 0.7632791 ], dtype=float32), array([0.          , 1.          , 0.9522488 , 0.747
        0.8169095 , 0.602094 ], dtype=float32), array([0.          , 1.          , 0.92890346, 0.788
        0.9240654 , 0.68108433], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980404 , 0.3285299 , 0.25063455,
        0.44668287, 0.8605032 ], dtype=float32), array([0.          , 1.          , 0.9979225 , 0.043
        0.22776812, 0.96493244], dtype=float32), array([0.          , 1.          , 0.9973587 , 0.530
        0.67206097, 0.80565345], dtype=float32), array([0.          , 1.          , 0.99396956, 0.667
        0.7770017 , 0.7634728 ], dtype=float32), array([0.          , 1.          , 0.96188456, 0.746

```

```

        0.8165909 , 0.60235023], dtype=float32), array([0.          , 1.          , 0.931806 , 0.789
        0.92406535, 0.6794336 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980488 , 0.0433508 , 0.27046394,
        0.22803946, 0.96515477], dtype=float32), array([0.          , 1.          , 0.99804455, 0.329
        0.44679466, 0.86124897], dtype=float32), array([0.          , 1.          , 0.9976623 , 0.529
        0.672398 , 0.80466866], dtype=float32), array([0.          , 1.          , 0.99314415, 0.666
        0.7776973 , 0.76366735], dtype=float32), array([0.          , 1.          , 0.9656939 , 0.745
        0.81687695, 0.6029163 ], dtype=float32), array([0.          , 1.          , 0.93144286, 0.789
        0.9242211 , 0.67980343], dtype=float32), array([0.          , 1.          , 0.6246528, 0.901487
        0.5354096], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99812776, 0.04334964, 0.27050704,
        0.22814412, 0.9644715 ], dtype=float32), array([0.          , 1.          , 0.9981123 , 0.330
        0.44712126, 0.8650465 ], dtype=float32), array([0.          , 1.          , 0.9974615 , 0.527
        0.67136556, 0.80549586], dtype=float32), array([0.          , 1.          , 0.99277604, 0.666
        0.77805257, 0.76340544], dtype=float32), array([0.          , 1.          , 0.9596949 , 0.744
        0.8162312 , 0.6028403 ], dtype=float32), array([0.          , 1.          , 0.9352553 , 0.791
        0.92353594, 0.6785333 ], dtype=float32), array([0.          , 1.          , 0.6138626 , 0.901
        0.9603438 , 0.53468955], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99799037, 0.3279882 , 0.25058654,
        0.44749916, 0.8628297 ], dtype=float32), array([0.          , 1.          , 0.99797434, 0.044
        0.22759753, 0.96625686], dtype=float32), array([0.          , 1.          , 0.99675333, 0.531
        0.6715967 , 0.8036239 ], dtype=float32), array([0.          , 1.          , 0.9926258 , 0.666
        0.7771094 , 0.7637105 ], dtype=float32), array([0.          , 1.          , 0.9398242 , 0.743
        0.81439537, 0.60178995], dtype=float32), array([0.          , 1.          , 0.93844604, 0.792
        0.92331713, 0.6759004 ], dtype=float32), array([0.          , 1.          , 0.63925606, 0.902
        0.96033657, 0.53360707], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99777234, 0.312086 , 0.23639843,
        0.44430053, 0.86776817], dtype=float32), array([0.          , 1.          , 0.9977708 , 0.045

```

```

0.22740841, 0.96534264], dtype=float32), array([0.          , 1.          , 0.99634176, 0.530
0.6711232 , 0.80265635], dtype=float32), array([0.          , 1.          , 0.9920499 , 0.666
0.7776849 , 0.7637342 ], dtype=float32), array([0.          , 1.          , 0.9413193 , 0.744
0.8152795 , 0.6026066 ], dtype=float32), array([0.          , 1.          , 0.9320752 , 0.790
0.92332196, 0.6759317 ], dtype=float32), array([0.          , 1.          , 0.71209943, 0.903
0.9601082 , 0.5309038 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99826616, 0.30987117, 0.23802838,
0.4445249 , 0.8655077 ], dtype=float32), array([0.          , 1.          , 0.99777967, 0.045
0.22733657, 0.96560025], dtype=float32), array([0.          , 1.          , 0.9968179 , 0.536
0.67075914, 0.80211735], dtype=float32), array([0.          , 1.          , 0.992082 , 0.666
0.77827734, 0.7641715 ], dtype=float32), array([0.          , 1.          , 0.9404517 , 0.743
0.81469184, 0.6005337 ], dtype=float32), array([0.          , 1.          , 0.92407554, 0.787
0.9235385 , 0.6782454 ], dtype=float32), array([0.          , 1.          , 0.75166297, 0.904
0.9601124 , 0.5303433 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99832106, 0.308483 , 0.23798263,
0.44428992, 0.86529815], dtype=float32), array([0.          , 1.          , 0.99762267, 0.046
0.22721215, 0.96561116], dtype=float32), array([0.          , 1.          , 0.9960771 , 0.537
0.6719789 , 0.80492574], dtype=float32), array([0.          , 1.          , 0.9925364 , 0.665
0.77845037, 0.76461554], dtype=float32), array([0.          , 1.          , 0.9462491 , 0.744
0.81507474, 0.6003396 ], dtype=float32), array([0.          , 1.          , 0.9249259 , 0.787
0.9234035 , 0.67858183], dtype=float32), array([0.          , 1.          , 0.79406804, 0.903
0.9584705 , 0.52511203], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982973 , 0.3083218 , 0.23808694,
0.44319215, 0.8640045 ], dtype=float32), array([0.          , 1.          , 0.99770457, 0.046
0.22746131, 0.96553874], dtype=float32), array([0.          , 1.          , 0.99544024, 0.537
0.6720656 , 0.8053031 ], dtype=float32), array([0.          , 1.          , 0.99331266, 0.665
0.7776301 , 0.76352 ], dtype=float32), array([0.          , 1.          , 0.94226515, 0.744
0.81479144, 0.6013288 ], dtype=float32), array([0.          , 1.          , 0.93316287, 0.788
0.9229306 , 0.6780947 ], dtype=float32), array([0.          , 1.          , 0.7505867 , 0.904
0.95776355, 0.52287364], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981596 , 0.30866623, 0.23769334,
        0.44298595, 0.8637713 ], dtype=float32), array([0.          , 1.          , 0.99754417, 0.046
        0.22741929, 0.9651487 ], dtype=float32), array([0.          , 1.          , 0.9950205 , 0.535
        0.67212415, 0.8068396 ], dtype=float32), array([0.          , 1.          , 0.99326974, 0.665
        0.7773651 , 0.76389956], dtype=float32), array([0.          , 1.          , 0.9396779 , 0.743
        0.81450814, 0.60314476], dtype=float32), array([0.          , 1.          , 0.93904245, 0.789
        0.92244667, 0.677853  ], dtype=float32), array([0.          , 1.          , 0.7504747 , 0.904
        0.95722663, 0.5246394 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982694 , 0.3091603 , 0.23841807,
        0.4419806 , 0.8636458 ], dtype=float32), array([0.          , 1.          , 0.99774754, 0.046
        0.22752884, 0.96484894], dtype=float32), array([0.          , 1.          , 0.99510574, 0.536
        0.6723918 , 0.80640835], dtype=float32), array([0.          , 1.          , 0.9934004 , 0.665
        0.77695096, 0.7635771 ], dtype=float32), array([0.          , 1.          , 0.949547 , 0.792
        0.9224341 , 0.67777514], dtype=float32), array([0.          , 1.          , 0.93339527, 0.743
        0.81441194, 0.6025333 ], dtype=float32), array([0.          , 1.          , 0.7964716 , 0.903
        0.9573687 , 0.5261946 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998207 , 0.3096847 , 0.23868003,
        0.44148713, 0.8656143 ], dtype=float32), array([0.          , 1.          , 0.9975987 , 0.046
        0.2274923 , 0.9652742 ], dtype=float32), array([0.          , 1.          , 0.99474674, 0.536
        0.67288643, 0.80545187], dtype=float32), array([0.          , 1.          , 0.9941123 , 0.665
        0.77589655, 0.76408184], dtype=float32), array([0.          , 1.          , 0.9522066 , 0.792
        0.92311025, 0.6784967 ], dtype=float32), array([0.          , 1.          , 0.9305836 , 0.744
        0.8132511 , 0.59999865], dtype=float32), array([0.          , 1.          , 0.7769572 , 0.904
        0.95747083, 0.52510756], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983406 , 0.3096538 , 0.23883954,
        0.44106337, 0.86434543], dtype=float32), array([0.          , 1.          , 0.99774694, 0.046
        0.22754157, 0.9638783 ], dtype=float32), array([0.          , 1.          , 0.99469817, 0.537
        0.6731185 , 0.80555123], dtype=float32), array([0.          , 1.          , 0.9941287 , 0.665
        0.77553755, 0.76481736], dtype=float32), array([0.          , 1.          , 0.9614864 , 0.795
        0.9219918 , 0.67776215], dtype=float32), array([0.          , 1.          , 0.9262538 , 0.744
        0.8111002 , 0.59603405], dtype=float32), array([0.          , 1.          , 0.77045643, 0.904
```

```

    0.9577553 , 0.52454466], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99830866, 0.30991262, 0.23906764,
        0.4402066 , 0.86436677], dtype=float32), array([0.          , 1.          , 0.99755245, 0.047
        0.22733626, 0.9666574 ], dtype=float32), array([0.          , 1.          , 0.9945024 , 0.665
        0.77531034, 0.7653246 ], dtype=float32), array([0.          , 1.          , 0.9943883 , 0.538
        0.6730427 , 0.80412066], dtype=float32), array([0.          , 1.          , 0.9624553 , 0.796
        0.9214849 , 0.6764349 ], dtype=float32), array([0.          , 1.          , 0.912543 , 0.745
        0.8100019 , 0.5952388 ], dtype=float32), array([0.          , 1.          , 0.73708135, 0.904
        0.95707875, 0.5258804 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998278 , 0.31007364, 0.23923922,
        0.44040194, 0.8645886 ], dtype=float32), array([0.          , 1.          , 0.99749494, 0.047
        0.22721179, 0.9662672 ], dtype=float32), array([0.          , 1.          , 0.99442965, 0.665
        0.77546847, 0.7662329 ], dtype=float32), array([0.          , 1.          , 0.9942326 , 0.539
        0.67268217, 0.80514646], dtype=float32), array([0.          , 1.          , 0.9614571 , 0.796
        0.92197144, 0.67563206], dtype=float32), array([0.          , 1.          , 0.89476186, 0.743
        0.8077035 , 0.593709 ], dtype=float32), array([0.          , 1.          , 0.68642396, 0.904
        0.95724756, 0.5258453 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982905 , 0.31026077, 0.23852989,
        0.4407307 , 0.86529577], dtype=float32), array([0.          , 1.          , 0.9975799 , 0.047
        0.22721219, 0.96553993], dtype=float32), array([0.          , 1.          , 0.9944084 , 0.665
        0.77511543, 0.76519585], dtype=float32), array([0.          , 1.          , 0.99429613, 0.540
        0.67252094, 0.8063548 ], dtype=float32), array([0.          , 1.          , 0.9564426 , 0.795
        0.9227094 , 0.6758384 ], dtype=float32), array([0.          , 1.          , 0.88270605, 0.742
        0.80763996, 0.5938287 ], dtype=float32), array([0.          , 1.          , 0.72804254, 0.904
        0.95681936, 0.52550495], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99837756, 0.30965897, 0.23771846,
        0.44114587, 0.86515224], dtype=float32), array([0.          , 1.          , 0.99754095, 0.047
        0.22726282, 0.9655678 ], dtype=float32), array([0.          , 1.          , 0.9944832 , 0.665

```

```

0.77574354, 0.7659022 ], dtype=float32), array([0.          , 1.          , 0.99443626, 0.542
0.6726333 , 0.8056432 ], dtype=float32), array([0.          , 1.          , 0.95139396, 0.793
0.9224615 , 0.67595875], dtype=float32), array([0.          , 1.          , 0.88488156, 0.742
0.80787027, 0.59184396], dtype=float32), array([0.          , 1.          , 0.6633563 , 0.904
0.95692503, 0.52630424], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984182 , 0.30925998, 0.2369774 ,
0.4413016 , 0.86507064], dtype=float32), array([0.          , 1.          , 0.9976597 , 0.047
0.22743899, 0.9643454 ], dtype=float32), array([0.          , 1.          , 0.99453104, 0.666
0.7761395 , 0.76722944], dtype=float32), array([0.          , 1.          , 0.99426043, 0.541
0.6722532 , 0.80479705], dtype=float32), array([0.          , 1.          , 0.9513319 , 0.794
0.92216575, 0.67462826], dtype=float32), array([0.          , 1.          , 0.8779429 , 0.742
0.8076483 , 0.5915568 ], dtype=float32), array([0.          , 1.          , 0.6400361 , 0.904
0.9571958 , 0.52850807], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985304 , 0.30875146, 0.23710054,
0.4415658 , 0.8640862 ], dtype=float32), array([0.          , 1.          , 0.9975128 , 0.047
0.22735536, 0.9649139 ], dtype=float32), array([0.          , 1.          , 0.99470854, 0.666
0.7765144 , 0.7672036 ], dtype=float32), array([0.          , 1.          , 0.9945115 , 0.541
0.6717296 , 0.8046938 ], dtype=float32), array([0.          , 1.          , 0.9538617 , 0.794
0.9225134 , 0.6750627 ], dtype=float32), array([0.          , 1.          , 0.873363 , 0.743
0.8081199 , 0.59162736], dtype=float32), array([0.          , 1.          , 0.6517939 , 0.903
0.95842534, 0.53026307], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985226 , 0.30855408, 0.23686704,
0.44268426, 0.86511874], dtype=float32), array([0.          , 1.          , 0.99749696, 0.047
0.22739674, 0.96497285], dtype=float32), array([0.          , 1.          , 0.994856 , 0.541355
0.8048388], dtype=float32), array([0.          , 1.          , 0.9947766 , 0.6661728 , 0.2344
0.7765309 , 0.7668195 ], dtype=float32), array([0.          , 1.          , 0.95413417, 0.795
0.92227423, 0.67484397], dtype=float32), array([0.          , 1.          , 0.8680573 , 0.742
0.8081522 , 0.59227556], dtype=float32), array([0.          , 1.          , 0.69151455, 0.903
0.9581967 , 0.52892363], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.9985964 , 0.3081903 , 0.23738056,
        0.44291055, 0.8661342 ], dtype=float32), array([0.          , 1.          , 0.9974396 , 0.047
        0.22728097, 0.96505475], dtype=float32), array([0.          , 1.          , 0.99517715, 0.666
        0.7764279 , 0.76640373], dtype=float32), array([0.          , 1.          , 0.9944021 , 0.542
        0.6726228 , 0.8034624 ], dtype=float32), array([0.          , 1.          , 0.95551264, 0.795
        0.92281306, 0.6746657 ], dtype=float32), array([0.          , 1.          , 0.8764844 , 0.743
        0.80864805, 0.59238356], dtype=float32), array([0.          , 1.          , 0.70328283, 0.902
        0.961916 , 0.5379255 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99866056, 0.30784613, 0.23764601,
        0.4425431 , 0.86547184], dtype=float32), array([0.          , 1.          , 0.9974438 , 0.047
        0.22757562, 0.96509254], dtype=float32), array([0.          , 1.          , 0.9952212 , 0.667
        0.77603567, 0.76547265], dtype=float32), array([0.          , 1.          , 0.99475455, 0.541
        0.6719448 , 0.80321264], dtype=float32), array([0.          , 1.          , 0.9534788 , 0.795
        0.9221573 , 0.67484707], dtype=float32), array([0.          , 1.          , 0.8664348 , 0.742
        0.8083338 , 0.5929071 ], dtype=float32), array([0.          , 1.          , 0.7809602 , 0.902
        0.9603353 , 0.53301406], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986613 , 0.30774188, 0.2381331 ,
        0.4429748 , 0.8644953 ], dtype=float32), array([0.          , 1.          , 0.9972784 , 0.047
        0.22734356, 0.9653411 ], dtype=float32), array([0.          , 1.          , 0.9951148 , 0.667
        0.7764274 , 0.7641518 ], dtype=float32), array([0.          , 1.          , 0.99499655, 0.539
        0.67224777, 0.8035325 ], dtype=float32), array([0.          , 1.          , 0.95465404, 0.795
        0.9221796 , 0.6743885 ], dtype=float32), array([0.          , 1.          , 0.88436574, 0.743
        0.80997676, 0.5936892 ], dtype=float32), array([0.          , 1.          , 0.83281165, 0.901
        0.9605951 , 0.5329962 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987029 , 0.30772352, 0.23802552,
        0.4433046 , 0.86507213], dtype=float32), array([0.          , 1.          , 0.99724865, 0.047
        0.22731186, 0.96566916], dtype=float32), array([0.          , 1.          , 0.99530125, 0.537
        0.6725255 , 0.80342853], dtype=float32), array([0.          , 1.          , 0.99509996, 0.668
        0.7760927 , 0.7635422 ], dtype=float32), array([0.          , 1.          , 0.95580345, 0.795
        0.9221514 , 0.6745859 ], dtype=float32), array([0.          , 1.          , 0.8769507 , 0.743
        0.8095902 , 0.59496576], dtype=float32), array([0.          , 1.          , 0.85408485, 0.901
        0.95951927, 0.53185105], dtype=float32)]
```



Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986556 , 0.30797163, 0.2372911 ,
        0.44281313, 0.8667952 ], dtype=float32), array([0.          , 1.          , 0.9971059 , 0.047
        0.22692165, 0.96598303], dtype=float32), array([0.          , 1.          , 0.99531686, 0.535
        0.67237467, 0.8038031 ], dtype=float32), array([0.          , 1.          , 0.99506253, 0.667
        0.7759433 , 0.7642207 ], dtype=float32), array([0.          , 1.          , 0.9560274 , 0.795
        0.9219461 , 0.67481506], dtype=float32), array([0.          , 1.          , 0.847013 , 0.743
        0.8086803 , 0.59484243], dtype=float32), array([0.          , 1.          , 0.80971855, 0.901
        0.9596526 , 0.5297146 ], dtype=float32), array([0.          , 1.          , 0.69461244, 0.917
        0.9908081 , 0.5575831 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99870265, 0.30803353, 0.23776665,
        0.44260347, 0.86423504], dtype=float32), array([0.          , 1.          , 0.9972695 , 0.047
        0.22722495, 0.96551144], dtype=float32), array([0.          , 1.          , 0.9948559 , 0.668
        0.7750102 , 0.7630857 ], dtype=float32), array([0.          , 1.          , 0.9937143 , 0.539
        0.6726124 , 0.8026435 ], dtype=float32), array([0.          , 1.          , 0.95491964, 0.795
        0.9216119 , 0.6738347 ], dtype=float32), array([0.          , 1.          , 0.81377155, 0.742
        0.8070768 , 0.5931037 ], dtype=float32), array([0.          , 1.          , 0.80152154, 0.901
        0.95991194, 0.5318805 ], dtype=float32), array([0.          , 1.          , 0.61542267, 0.916
        0.98679227, 0.55999637], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99865454, 0.30842185, 0.23712564,
        0.44240427, 0.8641205 ], dtype=float32), array([0.          , 1.          , 0.997338 , 0.047
        0.2272914 , 0.96450865], dtype=float32), array([0.          , 1.          , 0.99481446, 0.668
        0.7753275 , 0.76329017], dtype=float32), array([0.          , 1.          , 0.99337465, 0.540
        0.67271066, 0.8034073 ], dtype=float32), array([0.          , 1.          , 0.95468426, 0.794
        0.921831 , 0.6741279 ], dtype=float32), array([0.          , 1.          , 0.8176357 , 0.742
        0.80695134, 0.5919999 ], dtype=float32), array([0.          , 1.          , 0.8023312 , 0.901
        0.9594215 , 0.53275776], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99873036, 0.30814555, 0.23806864,
        0.44359455, 0.86497694], dtype=float32), array([0.          , 1.          , 0.9974566 , 0.047
```

```

0.22755086, 0.9655697 ], dtype=float32), array([0.          , 1.          , 0.99466395, 0.669
0.7754661 , 0.763811  ], dtype=float32), array([0.          , 1.          , 0.9923487 , 0.545
0.67298293, 0.80225587], dtype=float32), array([0.          , 1.          , 0.95493734, 0.794
0.92198914, 0.6740353 ], dtype=float32), array([0.          , 1.          , 0.83530694, 0.743
0.8082551 , 0.5917588 ], dtype=float32), array([0.          , 1.          , 0.7728007 , 0.901
0.95972395, 0.53364694], dtype=float32), array([0.          , 1.          , 0.60805124, 0.917
0.98828363, 0.5584715 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99867094, 0.30790502, 0.23814732,
0.44388407, 0.86534244], dtype=float32), array([0.          , 1.          , 0.9974384 , 0.047
0.22745986, 0.9659505 ], dtype=float32), array([0.          , 1.          , 0.99427176, 0.668
0.7757436 , 0.7641827 ], dtype=float32), array([0.          , 1.          , 0.99226207, 0.549
0.67351586, 0.80027944], dtype=float32), array([0.          , 1.          , 0.95537865, 0.794
0.9216226 , 0.6740279 ], dtype=float32), array([0.          , 1.          , 0.83477086, 0.743
0.80908686, 0.591217  ], dtype=float32), array([0.          , 1.          , 0.76058406, 0.900
0.96033216, 0.5349648 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981148 , 0.30898753, 0.23562142,
0.4427407 , 0.87033856], dtype=float32), array([0.          , 1.          , 0.997729 , 0.047
0.22788967, 0.9658042 ], dtype=float32), array([0.          , 1.          , 0.9944617 , 0.667
0.7759672 , 0.7669668 ], dtype=float32), array([0.          , 1.          , 0.99293137, 0.545
0.6737571 , 0.79982024], dtype=float32), array([0.          , 1.          , 0.95620304, 0.795
0.9213252 , 0.67386895], dtype=float32), array([0.          , 1.          , 0.86741847, 0.744
0.8097811 , 0.59240234], dtype=float32), array([0.          , 1.          , 0.6661158 , 0.900
0.9594638 , 0.53519696], dtype=float32), array([0.          , 1.          , 0.62702674, 0.916
0.98963225, 0.5556104 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99812955, 0.30867752, 0.23734233,
0.44379225, 0.86421406], dtype=float32), array([0.          , 1.          , 0.99774504, 0.046
0.2278744 , 0.96544206], dtype=float32), array([0.          , 1.          , 0.9944602 , 0.667
0.7771729 , 0.76744246], dtype=float32), array([0.          , 1.          , 0.99288017, 0.545
0.67468333, 0.79957676], dtype=float32), array([0.          , 1.          , 0.95323294, 0.795
0.9212547 , 0.6735163 ], dtype=float32), array([0.          , 1.          , 0.8489684 , 0.742
0.8093325 , 0.5941323 ], dtype=float32), array([0.          , 1.          , 0.7206923, 0.917461
0.5564783], dtype=float32), array([0.          , 1.          , 0.63981295, 0.9000149 , 0.2500
0.9600282 , 0.5351341 ], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977862 , 0.04686923, 0.2700345 ,
        0.22807728, 0.96580535], dtype=float32), array([0.          , 1.          , 0.997732 , 0.309
        0.4438407 , 0.8676666 ], dtype=float32), array([0.          , 1.          , 0.9943556 , 0.668
        0.7778182 , 0.7682879 ], dtype=float32), array([0.          , 1.          , 0.9908936 , 0.541
        0.6751796 , 0.8003936 ], dtype=float32), array([0.          , 1.          , 0.95458007, 0.795
        0.92122775, 0.6733855 ], dtype=float32), array([0.          , 1.          , 0.8649192 , 0.741
        0.8083473 , 0.5928187 ], dtype=float32), array([0.          , 1.          , 0.73699754, 0.920
        0.99391985, 0.5616003 ], dtype=float32), array([0.          , 1.          , 0.69460434, 0.899
        0.9594462 , 0.5350236 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99774563, 0.04697774, 0.26936257,
        0.227898 , 0.9662539 ], dtype=float32), array([0.          , 1.          , 0.99764204, 0.310
        0.44395882, 0.8678967 ], dtype=float32), array([0.          , 1.          , 0.99380785, 0.668
        0.7778762 , 0.7668198 ], dtype=float32), array([0.          , 1.          , 0.99024504, 0.540
        0.67451304, 0.8006895 ], dtype=float32), array([0.          , 1.          , 0.9556584 , 0.796
        0.92121315, 0.67284733], dtype=float32), array([0.          , 1.          , 0.8406546 , 0.741
        0.80815405, 0.59331757], dtype=float32), array([0.          , 1.          , 0.815086 , 0.918
        0.993271 , 0.56421125], dtype=float32), array([0.          , 1.          , 0.68987983, 0.900
        0.9613879 , 0.5352287 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9977488 , 0.04685782, 0.2687791 ,
        0.22793995, 0.96720606], dtype=float32), array([0.          , 1.          , 0.9974935 , 0.311
        0.44347095, 0.8683261 ], dtype=float32), array([0.          , 1.          , 0.9934447 , 0.667
        0.7781566 , 0.7681272 ], dtype=float32), array([0.          , 1.          , 0.9896137 , 0.543
        0.67399234, 0.79868174], dtype=float32), array([0.          , 1.          , 0.95668244, 0.796
        0.9208053 , 0.6718282 ], dtype=float32), array([0.          , 1.          , 0.84635675, 0.741
        0.8081294 , 0.59266406], dtype=float32), array([0.          , 1.          , 0.7583663 , 0.919
        0.9928662 , 0.5614679 ], dtype=float32), array([0.          , 1.          , 0.72703177, 0.901
        0.9607468 , 0.53498346], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99780184, 0.04708911, 0.26892257,

```

```

0.22807577, 0.9670818 ], dtype=float32), array([0.          , 1.          , 0.9974878 , 0.311
0.44305784, 0.86886823], dtype=float32), array([0.          , 1.          , 0.9928266, 0.667357
0.7656881], dtype=float32), array([0.          , 1.          , 0.9892999 , 0.5445019 , 0.2003
0.6736156 , 0.79919803], dtype=float32), array([0.          , 1.          , 0.9526775, 0.796441
0.6710961], dtype=float32), array([0.          , 1.          , 0.801716 , 0.7405193 , 0.2432
0.80704355, 0.5924471 ], dtype=float32), array([0.          , 1.          , 0.7265127 , 0.900
0.9582678 , 0.5358827 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9979251 , 0.04671551, 0.27055708,
0.22834659, 0.9667592 ], dtype=float32), array([0.          , 1.          , 0.99738246, 0.312
0.44210768, 0.86786395], dtype=float32), array([0.          , 1.          , 0.99253005, 0.666
0.77786124, 0.76490724], dtype=float32), array([0.          , 1.          , 0.9886135 , 0.543
0.67374057, 0.80008215], dtype=float32), array([0.          , 1.          , 0.95238113, 0.796
0.92084676, 0.6706426 ], dtype=float32), array([0.          , 1.          , 0.78625214, 0.739
0.8067548 , 0.5930904 ], dtype=float32), array([0.          , 1.          , 0.72494847, 0.900
0.9583773 , 0.53556174], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99785113, 0.04668108, 0.27083215,
0.22797555, 0.9666425 ], dtype=float32), array([0.          , 1.          , 0.99737895, 0.311
0.4415587 , 0.86904824], dtype=float32), array([0.          , 1.          , 0.9925524 , 0.666
0.777811 , 0.76461446], dtype=float32), array([0.          , 1.          , 0.9887061 , 0.545
0.6733882 , 0.80006945], dtype=float32), array([0.          , 1.          , 0.9524061 , 0.796
0.9207647 , 0.6709077 ], dtype=float32), array([0.          , 1.          , 0.8030828 , 0.740
0.8063169 , 0.5938194 ], dtype=float32), array([0.          , 1.          , 0.71169734, 0.900
0.95824647, 0.5357987 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.997755 , 0.04693186, 0.2699561 ,
0.22761622, 0.9667611 ], dtype=float32), array([0.          , 1.          , 0.99734974, 0.310
0.44156975, 0.8740965 ], dtype=float32), array([0.          , 1.          , 0.99269813, 0.665
0.77847457, 0.76589406], dtype=float32), array([0.          , 1.          , 0.9875995 , 0.545
0.6728718 , 0.80141693], dtype=float32), array([0.          , 1.          , 0.95131123, 0.796
0.9206909 , 0.6714236 ], dtype=float32), array([0.          , 1.          , 0.8749109 , 0.742
0.8092331 , 0.59635633], dtype=float32), array([0.          , 1.          , 0.6993254 , 0.900
0.9585375 , 0.53572595], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9976373 , 0.04726204, 0.26972428,
        0.22748804, 0.965968  ], dtype=float32), array([0.          , 1.          , 0.9974953 , 0.310
        0.44139004, 0.87505174], dtype=float32), array([0.          , 1.          , 0.9928935 , 0.665
        0.77878064, 0.7667446  ], dtype=float32), array([0.          , 1.          , 0.9861144 , 0.544
        0.6723423 , 0.8020512  ], dtype=float32), array([0.          , 1.          , 0.953833  , 0.796
        0.9208913 , 0.6722874  ], dtype=float32), array([0.          , 1.          , 0.8729809 , 0.742
        0.808866  , 0.59611315], dtype=float32), array([0.          , 1.          , 0.6575858 , 0.900
        0.95809495, 0.53598297], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99762315, 0.31033537, 0.23347753,
        0.4412389 , 0.8742935  ], dtype=float32), array([0.          , 1.          , 0.99754274, 0.047
        0.2274376 , 0.9668077  ], dtype=float32), array([0.          , 1.          , 0.9928347 , 0.664
        0.7790346 , 0.76653385], dtype=float32), array([0.          , 1.          , 0.9877608 , 0.542
        0.6720958 , 0.8025408  ], dtype=float32), array([0.          , 1.          , 0.9533995 , 0.796
        0.9210805 , 0.67261595], dtype=float32), array([0.          , 1.          , 0.83530927, 0.740
        0.80672145, 0.5954405  ], dtype=float32), array([0.          , 1.          , 0.6593055 , 0.900
        0.95846117, 0.5353244  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99789494, 0.30984655, 0.2344132 ,
        0.44136867, 0.86670977], dtype=float32), array([0.          , 1.          , 0.99765366, 0.047
        0.22748135, 0.9668976  ], dtype=float32), array([0.          , 1.          , 0.9925846 , 0.665
        0.7795804 , 0.7655779  ], dtype=float32), array([0.          , 1.          , 0.9912217 , 0.540
        0.6722233 , 0.8026568  ], dtype=float32), array([0.          , 1.          , 0.9596127 , 0.796
        0.9207377 , 0.67456603], dtype=float32), array([0.          , 1.          , 0.84567416, 0.740
        0.80705845, 0.5950731  ], dtype=float32), array([0.          , 1.          , 0.6743058 , 0.899
        0.95839167, 0.53298414], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.997948  , 0.3098593 , 0.23471785,
        0.44187966, 0.86725986], dtype=float32), array([0.          , 1.          , 0.99775976, 0.047
        0.22755119, 0.9674685  ], dtype=float32), array([0.          , 1.          , 0.9929153 , 0.666
        0.7784015 , 0.76463956], dtype=float32), array([0.          , 1.          , 0.9902297 , 0.538
        0.6733674 , 0.8015822  ], dtype=float32), array([0.          , 1.          , 0.9575165 , 0.795
        0.9205842 , 0.6757278  ], dtype=float32), array([0.          , 1.          , 0.87174004, 0.744
```

```

        0.80706584, 0.59408677], dtype=float32), array([0.          , 1.          , 0.65541375, 0.899
        0.9587525 , 0.53071976], dtype=float32), array([0.          , 1.          , 0.640918  , 0.922
        0.99212116, 0.55605346], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99805474, 0.30993277, 0.23496836,
        0.4417107 , 0.8620867 ], dtype=float32), array([0.          , 1.          , 0.99767107, 0.047
        0.22753647, 0.96676075], dtype=float32), array([0.          , 1.          , 0.99348867, 0.667
        0.77838284, 0.76600134], dtype=float32), array([0.          , 1.          , 0.9898959 , 0.539
        0.6733739 , 0.80319154], dtype=float32), array([0.          , 1.          , 0.946719  , 0.794
        0.9214575 , 0.67577565], dtype=float32), array([0.          , 1.          , 0.8070227 , 0.742
        0.80446833, 0.5913695 ], dtype=float32), array([0.          , 1.          , 0.69034666, 0.899
        0.9571869 , 0.5317356 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981495 , 0.30967495, 0.2360377 ,
        0.44301376, 0.86174107], dtype=float32), array([0.          , 1.          , 0.99755883, 0.048
        0.2272197 , 0.9678883 ], dtype=float32), array([0.          , 1.          , 0.9938216 , 0.666
        0.77873063, 0.76840734], dtype=float32), array([0.          , 1.          , 0.99116784, 0.540
        0.6731265 , 0.8021592 ], dtype=float32), array([0.          , 1.          , 0.94452  , 0.793137
        0.6765243], dtype=float32), array([0.          , 1.          , 0.77825963, 0.73870933, 0.2476
        0.8040427 , 0.5945107 ], dtype=float32), array([0.          , 1.          , 0.72771335, 0.899
        0.9573248 , 0.5355317 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99837285, 0.30928507, 0.23667541,
        0.44374976, 0.86181283], dtype=float32), array([0.          , 1.          , 0.99759483, 0.048
        0.22724712, 0.96797323], dtype=float32), array([0.          , 1.          , 0.99438053, 0.666
        0.7789629 , 0.7689216 ], dtype=float32), array([0.          , 1.          , 0.9916685 , 0.535
        0.6737796 , 0.80299723], dtype=float32), array([0.          , 1.          , 0.9253134 , 0.787
        0.9221275 , 0.677417  ], dtype=float32), array([0.          , 1.          , 0.79562914, 0.743
        0.8065267 , 0.5872024 ], dtype=float32), array([0.          , 1.          , 0.72066796, 0.900
        0.9585434 , 0.5360989 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983391 , 0.30951577, 0.23684922,
```

```

0.44390845, 0.860728 ], dtype=float32), array([0.          , 1.          , 0.9975231 , 0.048
0.2271217 , 0.9670075 ], dtype=float32), array([0.          , 1.          , 0.99384516, 0.665
0.77994907, 0.7683665 ], dtype=float32), array([0.          , 1.          , 0.99164355, 0.533
0.6732812 , 0.8036554 ], dtype=float32), array([0.          , 1.          , 0.91581106, 0.780
0.91756546, 0.66866046], dtype=float32), array([0.          , 1.          , 0.8418336 , 0.742
0.80822766, 0.58761036], dtype=float32), array([0.          , 1.          , 0.7094388 , 0.900
0.9585869 , 0.53697556], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983777 , 0.30978385, 0.23707506,
0.44449213, 0.86172795], dtype=float32), array([0.          , 1.          , 0.99728894, 0.048
0.22664769, 0.9689424 ], dtype=float32), array([0.          , 1.          , 0.99321955, 0.665
0.7809099 , 0.767887  ], dtype=float32), array([0.          , 1.          , 0.99134576, 0.534
0.67353666, 0.8037665 ], dtype=float32), array([0.          , 1.          , 0.9236899 , 0.779
0.91721404, 0.6690812 ], dtype=float32), array([0.          , 1.          , 0.8306521 , 0.739
0.8087259 , 0.5918306 ], dtype=float32), array([0.          , 1.          , 0.72615653, 0.901
0.95880175, 0.5366063 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998382  , 0.3096352 , 0.23704156,
0.44398317, 0.86154926], dtype=float32), array([0.          , 1.          , 0.9973857 , 0.048
0.22695298, 0.9693966 ], dtype=float32), array([0.          , 1.          , 0.9934777 , 0.530
0.67344636, 0.8033243 ], dtype=float32), array([0.          , 1.          , 0.99222857, 0.666
0.7825407 , 0.76642394], dtype=float32), array([0.          , 1.          , 0.9236007 , 0.787
0.9218302 , 0.6761023 ], dtype=float32), array([0.          , 1.          , 0.8334361 , 0.739
0.8088849 , 0.5950699 ], dtype=float32), array([0.          , 1.          , 0.72509634, 0.900
0.9587878 , 0.53716904], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984273 , 0.30985957, 0.23665139,
0.44391268, 0.8610579 ], dtype=float32), array([0.          , 1.          , 0.99726284, 0.048
0.22692499, 0.9694011 ], dtype=float32), array([0.          , 1.          , 0.99472564, 0.529
0.6725551 , 0.8025431 ], dtype=float32), array([0.          , 1.          , 0.992645  , 0.665
0.7810689 , 0.7672765 ], dtype=float32), array([0.          , 1.          , 0.93266636, 0.790
0.9219384 , 0.6749096 ], dtype=float32), array([0.          , 1.          , 0.7685681, 0.737857
0.5968386], dtype=float32), array([0.          , 1.          , 0.6940237, 0.9011081, 0.2499653,
0.5378144], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99843234, 0.30976057, 0.2368817 ,
        0.44328612, 0.8622079 ], dtype=float32), array([0.          , 1.          , 0.99728465, 0.049
        0.22220126, 0.95407534], dtype=float32), array([0.          , 1.          , 0.9968389 , 0.515
        0.67204565, 0.8091221 ], dtype=float32), array([0.          , 1.          , 0.99241465, 0.666
        0.7821565 , 0.7672167 ], dtype=float32), array([0.          , 1.          , 0.94134754, 0.793
        0.92178833, 0.67350906], dtype=float32), array([0.          , 1.          , 0.79113346, 0.737
        0.8040663 , 0.59555558 ], dtype=float32), array([0.          , 1.          , 0.67571265, 0.901
        0.95963055, 0.53739256], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986645 , 0.30909076, 0.23787189,
        0.44383147, 0.85956264], dtype=float32), array([0.          , 1.          , 0.997606 , 0.506
        0.66829795, 0.8168396 ], dtype=float32), array([0.          , 1.          , 0.9975229 , 0.047
        0.22742784, 0.96729374], dtype=float32), array([0.          , 1.          , 0.9917006 , 0.665
        0.7816032 , 0.76662743], dtype=float32), array([0.          , 1.          , 0.95281655, 0.795
        0.9210683 , 0.67322505], dtype=float32), array([0.          , 1.          , 0.878814 , 0.740253
        0.6012386], dtype=float32), array([0.          , 1.          , 0.65919757, 0.9017098 , 0.2511
        0.9593531 , 0.5380117 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987249 , 0.3084714 , 0.23923704,
        0.44457063, 0.8583145 ], dtype=float32), array([0.          , 1.          , 0.9979194 , 0.504
        0.6669483 , 0.81876934], dtype=float32), array([0.          , 1.          , 0.99774456, 0.047
        0.22762343, 0.96890795], dtype=float32), array([0.          , 1.          , 0.99144953, 0.665
        0.78193045, 0.76683986], dtype=float32), array([0.          , 1.          , 0.9476962 , 0.794
        0.9208069 , 0.6738391 ], dtype=float32), array([0.          , 1.          , 0.88377905, 0.741
        0.8111423 , 0.6002186 ], dtype=float32), array([0.          , 1.          , 0.66201055, 0.901
        0.95940423, 0.5366583 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99878615, 0.30791587, 0.23946118,
        0.44349933, 0.8592349 ], dtype=float32), array([0.          , 1.          , 0.9974911 , 0.048
        0.22767708, 0.9690368 ], dtype=float32), array([0.          , 1.          , 0.99740535, 0.501
        0.6667335 , 0.8199004 ], dtype=float32), array([0.          , 1.          , 0.9912074 , 0.664
        0.7815209 , 0.7667103 ], dtype=float32), array([0.          , 1.          , 0.94318867, 0.794
        0.920864 , 0.6729626 ], dtype=float32), array([0.          , 1.          , 0.88565665, 0.739
```



```

        0.80862975, 0.598079 ], dtype=float32), array([0.          , 1.          , 0.6794178 , 0.902
        0.9594012 , 0.5363991 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988569 , 0.30811915, 0.23993784,
        0.44334796, 0.857722  ], dtype=float32), array([0.          , 1.          , 0.99797875, 0.497
        0.66576445, 0.8170103 ], dtype=float32), array([0.          , 1.          , 0.9978941 , 0.049
        0.22975364, 0.96914047], dtype=float32), array([0.          , 1.          , 0.99253356, 0.663
        0.7802374 , 0.7659409 ], dtype=float32), array([0.          , 1.          , 0.9409423 , 0.795
        0.9210217 , 0.6721213 ], dtype=float32), array([0.          , 1.          , 0.7480665 , 0.737
        0.80644554, 0.59822077], dtype=float32), array([0.          , 1.          , 0.6765164 , 0.901
        0.95932084, 0.5358382 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[]
Total People in frame = 0
Number of people in queue = {1: 0, 2: 0}
1 0
2 0
results/
results/manufacturing/
results/manufacturing/gpu/
results/manufacturing/gpu/stats.txt
results/manufacturing/gpu/output_video.mp4
stderr.log

```

**View stderr.log** This can be used for debugging.

```
In [18]: !cat stderr.log
```

```

person_detect.py:64: DeprecationWarning: Reading network using constructor is deprecated. Please
    self.model=IENetwork(self.model_structure, self.model_weights)

```

**View Output Video** Run the cell below to view the output video. If inference was successfully run, you should see a video with bounding boxes drawn around each person detected.

```
In [19]: import videoHtml
```

```
videoHtml.videoHTML('Manufacturing GPU', ['results/manufacturing/gpu/output_video.mp4'])
```

```
Out[19]: <IPython.core.display.HTML object>
```

## 1.7 Step 1.3: Submit to an Edge Compute Node with a Neural Compute Stick 2

In the cell below, write a script to submit a job to an IEI Tank 870-Q170 edge node with an Intel Core i5-6500te CPU. The inference workload should run on an Intel Neural Compute Stick 2 installed in this node.

```
In [20]: #Submit job to the queue
        vpu_job_id = !qsub queue_job.sh -d . -l nodes=tank-870:i5-6500te:intel-ncs2 -F "/data/m

        print(vpu_job_id[0])
```

v6pxIVUzWiKwKvpiZGNXFsu7DtIwewn3

### 1.7.1 Check Job Status

To check on the job that was submitted, use `liveQStat` to check the status of the job.

Column S shows the state of your running jobs.

For example: - If JOB ID is in Q state, it is in the queue waiting for available resources. - If JOB ID is in R state, it is running.

```
In [21]: #import liveQStat
        #liveQStat.liveQStat()
```

**Get Results** Run the next cell to retrieve your job's results.

```
In [22]: import get_results
        get_results.getResults(vpu_job_id[0], filename='output.tgz', blocking=True)
```

`getResults()` is blocking until results of the job (id:v6pxIVUzWiKwKvpiZGNXFsu7DtIwewn3) are read.  
Please wait...Success!

output.tgz was downloaded in the same folder as this notebook.

### Unpack your output files and view stdout.log

```
In [23]: !tar xzf output.tgz
```

```
In [24]: !cat stdout.log
```

Creating model...

Network loaded...

Time taken to load model = {time.time()-start} seconds

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.24609375,
        0.45117188, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22167969, 0.96191406], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.506
        0.6669922 , 0.81933594], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.77734375, 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9453125 , 0.795
```

```

    0.921875 , 0.67285156], dtype=float32), array([0.          , 1.          , 0.93847656, 0.745
    0.8125     , 0.5913086 ], dtype=float32), array([0.          , 1.          , 0.80322266, 0.919
    0.99121094, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.7294922 , 0.899
    0.9633789 , 0.5385742 ], dtype=float32), array([0.          , 1.          , 0.63964844, 0.629
    0.6455078 , 0.29736328], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3088379 , 0.24536133,
    0.45092773, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
    0.22192383, 0.96191406], dtype=float32), array([0.          , 1.          , 0.99658203, 0.503
    0.6669922 , 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
    0.77783203, 0.76416016], dtype=float32), array([0.          , 1.          , 0.9375     , 0.794
    0.921875 , 0.67089844], dtype=float32), array([0.          , 1.          , 0.92871094, 0.746
    0.81347656, 0.59033203], dtype=float32), array([0.          , 1.          , 0.8017578 , 0.920
    0.9916992 , 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.76904297, 0.899
    0.9633789 , 0.53808594], dtype=float32), array([0.          , 1.          , 0.6274414 , 0.629
    0.6455078 , 0.29760742], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3088379 , 0.24560547,
    0.45092773, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
    0.22167969, 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.501
    0.66796875, 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
    0.7783203 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9482422 , 0.746
    0.81347656, 0.59033203], dtype=float32), array([0.          , 1.          , 0.93408203, 0.794
    0.9213867 , 0.67089844], dtype=float32), array([0.          , 1.          , 0.828125 , 0.921386
    0.5605469], dtype=float32), array([0.          , 1.          , 0.75927734, 0.9003906 , 0.2447
    0.9628906 , 0.53759766], dtype=float32), array([0.          , 1.          , 0.63671875, 0.629
    0.6455078 , 0.29785156], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3088379 , 0.24536133,
    0.45043945, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
    0.22167969, 0.95996094], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666015
    0.7651367], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.50439453, 0.2192
    0.67041016, 0.8149414 ], dtype=float32), array([0.          , 1.          , 0.95751953, 0.746
    0.81396484, 0.59033203], dtype=float32), array([0.          , 1.          , 0.93359375, 0.793
    0.9213867 , 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.8515625 , 0.922
    0.9926758 , 0.5600586 ], dtype=float32), array([0.          , 1.          , 0.765625 , 0.899

```

```

        0.96240234, 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6333008 , 0.629
        0.6455078 , 0.2980957 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.24560547,
        0.4506836 , 0.86376953], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22143555, 0.95996094], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.505
        0.67089844, 0.81152344], dtype=float32), array([0.          , 1.          , 0.99365234, 0.665
        0.77978516, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.96240234, 0.747
        0.81347656, 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.94189453, 0.792
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8383789 , 0.922
        0.9926758 , 0.56152344], dtype=float32), array([0.          , 1.          , 0.78515625, 0.899
        0.96240234, 0.53808594], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.2446289 ,
        0.4506836 , 0.86083984], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22167969, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.502
        0.6699219 , 0.8125     ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.78027344, 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.96484375, 0.746
        0.81396484, 0.59033203], dtype=float32), array([0.          , 1.          , 0.9458008 , 0.792
        0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.84375    , 0.923
        0.99365234, 0.56152344], dtype=float32), array([0.          , 1.          , 0.79833984, 0.899
        0.96191406, 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.60302734, 0.630
        0.6459961 , 0.29833984], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.24511719,
        0.4506836 , 0.86035156], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22155762, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.506
        0.671875  , 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.7807617 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.96875    , 0.746
        0.81396484, 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.9458008 , 0.792
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8598633 , 0.924
        0.9946289 , 0.56152344], dtype=float32), array([0.          , 1.          , 0.8120117 , 0.898
        0.9614258 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.609375  , 0.630
        0.6459961 , 0.29833984], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3083496 , 0.24658203,
        0.45141602, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22143555, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.509
        0.671875 , 0.8100586 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.7807617 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9604492 , 0.746
        0.8129883 , 0.58984375], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.793
        0.92041016, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8618164 , 0.924
        0.9951172 , 0.56152344], dtype=float32), array([0.          , 1.          , 0.8203125 , 0.898
        0.9614258 , 0.5366211 ], dtype=float32), array([0.          , 1.          , 0.6230469 , 0.629
        0.6464844 , 0.29858398], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.24707031,
        0.45214844, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22143555, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.506
        0.67089844, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.7807617 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.96191406, 0.795
        0.9199219 , 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.95214844, 0.747
        0.8129883 , 0.5913086 ], dtype=float32), array([0.          , 1.          , 0.83251953, 0.898
        0.9614258 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.81884766, 0.925
        0.9946289 , 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.625
        0.6464844 , 0.29882812], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24633789,
        0.45141602, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.2211914 , 0.96777344], dtype=float32), array([0.          , 1.          , 0.99609375, 0.503
        0.6699219 , 0.8125    ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.7807617 , 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.9633789 , 0.796
        0.9199219 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.93896484, 0.748
        0.8129883 , 0.59228516], dtype=float32), array([0.          , 1.          , 0.8330078 , 0.926
        0.99560547, 0.5600586 ], dtype=float32), array([0.          , 1.          , 0.82910156, 0.898
        0.9609375 , 0.53515625], dtype=float32), array([0.          , 1.          , 0.63964844, 0.629
        0.6464844 , 0.2993164 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.2446289 ,
        0.45117188, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.2211914 , 0.96875   ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.501
        0.6689453 , 0.81347656], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.78125   , 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.96533203, 0.796
        0.9199219 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.90966797, 0.748
        0.8120117 , 0.59277344], dtype=float32), array([0.          , 1.          , 0.8383789 , 0.926
        0.99609375, 0.5600586 ], dtype=float32), array([0.          , 1.          , 0.8276367 , 0.897
        0.9609375 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.65625   , 0.629
        0.6464844 , 0.29956055], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.24316406,
        0.4506836 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.2211914 , 0.96972656], dtype=float32), array([0.          , 1.          , 0.99609375, 0.499
        0.66845703, 0.81396484], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.78222656, 0.76953125], dtype=float32), array([0.          , 1.          , 0.9663086 , 0.796
        0.9199219 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.90722656, 0.749
        0.81396484, 0.59472656], dtype=float32), array([0.          , 1.          , 0.8486328 , 0.927
        0.99658203, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.8417969 , 0.897
        0.9609375 , 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6464844 , 0.629
        0.6459961 , 0.29882812], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.2434082 , 0.4501953,
        0.8642578], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.04968262, 0.2612
        0.22131348, 0.96728516], dtype=float32), array([0.          , 1.          , 0.99560547, 0.500
        0.6694336 , 0.8125   ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.78125   , 0.76953125], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.796
        0.9199219 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.8691406 , 0.749
        0.8125   , 0.59375   ], dtype=float32), array([0.          , 1.          , 0.86621094, 0.896
        0.9604492 , 0.5366211 ], dtype=float32), array([0.          , 1.          , 0.8461914 , 0.928
        0.9975586 , 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.63427734, 0.629
        0.6464844 , 0.2993164 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.3125   , 0.24169922,
        0.4482422 , 0.8666992 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.2211914 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.5
```

```

0.6689453 , 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.666
0.78125    , 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.953125  , 0.797
0.92041016, 0.67089844], dtype=float32), array([0.          , 1.          , 0.87353516, 0.896
0.95996094, 0.5385742 ], dtype=float32), array([0.          , 1.          , 0.83740234, 0.929
0.9975586  , 0.55908203], dtype=float32), array([0.          , 1.          , 0.79003906, 0.747
0.81152344, 0.58935547], dtype=float32), array([0.          , 1.          , 0.63378906, 0.629
0.6464844  , 0.29907227], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.31396484, 0.24169922,
0.44677734, 0.8676758 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
0.2211914 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.499
0.6689453 , 0.81347656], dtype=float32), array([0.          , 1.          , 0.99121094, 0.664
0.7817383 , 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.94970703, 0.796
0.92089844, 0.67089844], dtype=float32), array([0.          , 1.          , 0.85839844, 0.895
0.95947266, 0.5385742 ], dtype=float32), array([0.          , 1.          , 0.8496094 , 0.928
0.9980469 , 0.55908203], dtype=float32), array([0.          , 1.          , 0.7578125 , 0.747
0.8105469 , 0.5888672 ], dtype=float32), array([0.          , 1.          , 0.6411133 , 0.629
0.6464844  , 0.2993164 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9970703 , 0.3149414 , 0.24267578,
0.4453125 , 0.86572266], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
0.2211914 , 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.499
0.66796875, 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.665
0.78222656, 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.798
0.92041016, 0.67089844], dtype=float32), array([0.          , 1.          , 0.8676758 , 0.929
0.9975586 , 0.55908203], dtype=float32), array([0.          , 1.          , 0.8535156 , 0.896
0.9589844 , 0.53808594], dtype=float32), array([0.          , 1.          , 0.7207031 , 0.746
0.8095703 , 0.5888672 ], dtype=float32), array([0.          , 1.          , 0.67578125, 0.629
0.6464844  , 0.2998047 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32006836, 0.25317383,
0.44604492, 0.86816406], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.499
0.6660156 , 0.81933594], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
0.22143555, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.665
0.78271484, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.797
0.92041016, 0.67089844], dtype=float32), array([0.          , 1.          , 0.8535156 , 0.897

```

```

    0.95996094, 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.81689453, 0.927
    0.9970703 , 0.56103516], dtype=float32), array([0.          , 1.          , 0.6826172 , 0.629
    0.6464844 , 0.30029297], dtype=float32), array([0.          , 1.          , 0.6464844 , 0.745
    0.80908203, 0.5888672 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9970703 , 0.32299805, 0.25561523,
    0.44555664, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.500
    0.6660156 , 0.8203125 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
    0.2211914 , 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.664
    0.78222656, 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.95214844, 0.796
    0.92041016, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.86376953, 0.897
    0.9604492 , 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.7890625 , 0.927
    0.99609375, 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.6503906 , 0.749
    0.8076172 , 0.5810547 ], dtype=float32), array([0.          , 1.          , 0.6308594 , 0.629
    0.6459961 , 0.29907227], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.5019531 , 0.21582031,
    0.66503906, 0.8203125 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.320
    0.44580078, 0.86865234], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
    0.22131348, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.664
    0.78222656, 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.796
    0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.83984375, 0.897
    0.9604492 , 0.53808594], dtype=float32), array([0.          , 1.          , 0.81640625, 0.927
    0.99560547, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.6689453 , 0.629
    0.6464844 , 0.30029297], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.49804688, 0.21704102,
    0.6640625 , 0.82128906], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.322
    0.44482422, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
    0.22106934, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.98876953, 0.664
    0.78271484, 0.77197266], dtype=float32), array([0.          , 1.          , 0.95751953, 0.797
    0.92089844, 0.671875  ], dtype=float32), array([0.          , 1.          , 0.82128906, 0.925
    0.9951172 , 0.5571289 ], dtype=float32), array([0.          , 1.          , 0.8178711 , 0.897
    0.9609375 , 0.53759766], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```



1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.49853516, 0.2163086 ,
        0.6635742 , 0.8227539 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.320
        0.44433594, 0.8666992 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.22106934, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.98876953, 0.664
        0.7832031 , 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.795
        0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8652344 , 0.927
        0.99560547, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.80859375, 0.897
        0.9609375 , 0.5371094 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.4975586 , 0.21826172,
        0.66259766, 0.82177734], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.320
        0.4440918 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.22143555, 0.96435547], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.663
        0.78515625, 0.77246094], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.796
        0.92041016, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8173828 , 0.927
        0.9946289 , 0.55859375], dtype=float32), array([0.          , 1.          , 0.8154297 , 0.897
        0.9604492 , 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6113281 , 0.629
        0.6464844 , 0.29907227], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.50634766, 0.21728516,
        0.6635742 , 0.82177734], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22131348, 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.320
        0.44384766, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.662
        0.78515625, 0.77246094], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.795
        0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8125      , 0.898
        0.9609375 , 0.53808594], dtype=float32), array([0.          , 1.          , 0.74658203, 0.924
        0.9921875 , 0.55810547], dtype=float32), array([0.          , 1.          , 0.6269531 , 0.629
        0.6464844 , 0.2993164 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.50878906, 0.21850586,
        0.66308594, 0.8232422 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22131348, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.320
        0.44458008, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.662
```

```

0.78564453, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.95751953, 0.795
0.9213867 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.83447266, 0.898
0.9609375 , 0.5390625 ], dtype=float32), array([0.          , 1.          , 0.74902344, 0.925
0.9926758 , 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.6430664 , 0.629
0.6455078 , 0.2998047 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.5102539 , 0.21728516,
0.66552734, 0.82470703], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
0.22143555, 0.96191406], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.320
0.44482422, 0.86376953], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.663
0.78564453, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.794
0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8364258 , 0.898
0.9614258 , 0.5385742 ], dtype=float32), array([0.          , 1.          , 0.7109375, 0.923828
0.5595703], dtype=float32), array([0.          , 1.          , 0.63671875, 0.6298828 , 0.2335
0.6464844 , 0.30029297], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.3244629 , 0.2524414 ,
0.44506836, 0.85791016], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
0.2211914 , 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.512
0.66845703, 0.8261719 ], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.663
0.7861328 , 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9580078 , 0.794
0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.87353516, 0.898
0.9604492 , 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.7207031 , 0.926
0.9941406 , 0.56152344], dtype=float32), array([0.          , 1.          , 0.71777344, 0.748
0.8066406 , 0.57470703], dtype=float32), array([0.          , 1.          , 0.65283203, 0.629
0.6459961 , 0.30200195], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.3232422 , 0.25268555,
0.44677734, 0.85546875], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
0.2211914 , 0.96191406], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.522
0.6699219 , 0.81640625], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.662
0.78564453, 0.77246094], dtype=float32), array([0.          , 1.          , 0.95654297, 0.794
0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.87597656, 0.898
0.95947266, 0.5390625 ], dtype=float32), array([0.          , 1.          , 0.75390625, 0.928
0.9951172 , 0.56152344], dtype=float32), array([0.          , 1.          , 0.69873047, 0.748
0.8066406 , 0.57666016], dtype=float32), array([0.          , 1.          , 0.67822266, 0.629

```

```

    0.6459961 , 0.30200195], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.32177734, 0.25048828,
        0.45214844, 0.85498047], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22131348, 0.96191406], dtype=float32), array([0.          , 1.          , 0.99658203, 0.525
        0.6689453 , 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.663
        0.78564453, 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9604492 , 0.795
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.87646484, 0.899
        0.95996094, 0.5390625 ], dtype=float32), array([0.          , 1.          , 0.796875 , 0.748
        0.8071289 , 0.5800781 ], dtype=float32), array([0.          , 1.          , 0.75390625, 0.927
        0.99365234, 0.5620117 ], dtype=float32), array([0.          , 1.          , 0.67871094, 0.629
        0.6459961 , 0.30249023], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.32055664, 0.24536133,
        0.45825195, 0.85546875], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.2211914 , 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.528
        0.6689453 , 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.663
        0.78564453, 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.795
        0.92041016, 0.67333984], dtype=float32), array([0.          , 1.          , 0.8520508 , 0.898
        0.95947266, 0.53759766], dtype=float32), array([0.          , 1.          , 0.7470703 , 0.749
        0.8076172 , 0.5800781 ], dtype=float32), array([0.          , 1.          , 0.71435547, 0.926
        0.99365234, 0.56152344], dtype=float32), array([0.          , 1.          , 0.6767578 , 0.629
        0.6459961 , 0.30249023], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.04931641, 0.26171875,
        0.2211914 , 0.95996094], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.318
        0.47070312, 0.86572266], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.529
        0.6699219 , 0.8129883 ], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.663
        0.78515625, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.95996094, 0.795
        0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.85839844, 0.898
        0.9604492 , 0.54003906], dtype=float32), array([0.          , 1.          , 0.8027344 , 0.749
        0.8076172 , 0.57958984], dtype=float32), array([0.          , 1.          , 0.7104492 , 0.628
        0.6455078 , 0.30297852], dtype=float32), array([0.          , 1.          , 0.6855469 , 0.923
        0.99121094, 0.5620117 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.04919434, 0.26220703,
        0.22155762, 0.9604492 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.319
        0.47607422, 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.530
        0.6694336 , 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.663
        0.78466797, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9589844 , 0.796
        0.92041016, 0.671875  ], dtype=float32), array([0.          , 1.          , 0.86279297, 0.899
        0.9609375 , 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.79785156, 0.750
        0.8100586 , 0.58251953], dtype=float32), array([0.          , 1.          , 0.6899414 , 0.628
        0.6455078 , 0.30200195], dtype=float32), array([0.          , 1.          , 0.6635742 , 0.922
        0.9897461 , 0.5605469 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.04937744, 0.26416016,
        0.22167969, 0.95947266], dtype=float32), array([0.          , 1.          , 0.99609375, 0.319
        0.48266602, 0.86376953], dtype=float32), array([0.          , 1.          , 0.99560547, 0.530
        0.6699219 , 0.81103516], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.664
        0.7841797 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.797
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.86865234, 0.899
        0.9609375 , 0.5410156 ], dtype=float32), array([0.          , 1.          , 0.8408203 , 0.750
        0.8100586 , 0.5834961 ], dtype=float32), array([0.          , 1.          , 0.70996094, 0.922
        0.9897461 , 0.56103516], dtype=float32), array([0.          , 1.          , 0.6816406 , 0.629
        0.6459961 , 0.3017578 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.04803467, 0.26635742,
        0.22583008, 0.9716797 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.318
        0.48095703, 0.8647461 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.528
        0.6694336 , 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.664
        0.7832031 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.96191406, 0.797
        0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.84472656, 0.897
        0.95947266, 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.78222656, 0.75
        0.80859375, 0.5830078 ], dtype=float32), array([0.          , 1.          , 0.734375 , 0.923
        0.9921875 , 0.5620117 ], dtype=float32), array([0.          , 1.          , 0.6748047 , 0.629
        0.6459961 , 0.30126953], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.04766846, 0.26733398,
        0.22241211, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.318
        0.47583008, 0.86376953], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.6694336 , 0.80908203], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.664
        0.78271484, 0.77441406], dtype=float32), array([0.          , 1.          , 0.95996094, 0.797
        0.9213867 , 0.671875 ], dtype=float32), array([0.          , 1.          , 0.8359375 , 0.898
        0.9609375 , 0.5410156 ], dtype=float32), array([0.          , 1.          , 0.8183594 , 0.75
        0.80859375, 0.5830078 ], dtype=float32), array([0.          , 1.          , 0.7138672 , 0.921
        0.99072266, 0.56152344], dtype=float32), array([0.          , 1.          , 0.6904297 , 0.628
        0.6455078 , 0.3017578 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.31713867, 0.2475586 ,
        0.47583008, 0.86376953], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22668457, 0.96972656], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.6699219 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.664
        0.78271484, 0.77441406], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.796386
        0.671875 ], dtype=float32), array([0.          , 1.          , 0.78222656, 0.8984375 , 0.2429
        0.96191406, 0.54003906], dtype=float32), array([0.          , 1.          , 0.76220703, 0.920
        0.99121094, 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.74121094, 0.748
        0.8076172 , 0.58447266], dtype=float32), array([0.          , 1.          , 0.6923828 , 0.629
        0.6459961 , 0.3010254 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3154297 , 0.24731445,
        0.46923828, 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22705078, 0.96875 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.529
        0.6713867 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.99121094, 0.667
        0.7817383 , 0.77490234], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
        0.921875 , 0.671875 ], dtype=float32), array([0.          , 1.          , 0.7861328 , 0.899
        0.96191406, 0.5415039 ], dtype=float32), array([0.          , 1.          , 0.7817383 , 0.748
        0.8071289 , 0.5834961 ], dtype=float32), array([0.          , 1.          , 0.6748047 , 0.629
        0.6459961 , 0.3010254 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.52685547, 0.21728516,
        0.6713867 , 0.81396484], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22265625, 0.95751953], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.313
        0.47143555, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.668
```

```

0.7807617 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.95166016, 0.795
0.921875  , 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.8046875 , 0.899
0.9614258 , 0.5419922 ], dtype=float32), array([0.          , 1.          , 0.74121094, 0.920
0.9902344 , 0.5644531 ], dtype=float32), array([0.          , 1.          , 0.7363281 , 0.748
0.80615234, 0.58203125], dtype=float32), array([0.          , 1.          , 0.6455078 , 0.629
0.6459961 , 0.3010254 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.52490234, 0.21777344,
0.6713867 , 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
0.22265625, 0.95654297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.310
0.47070312, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.668
0.78027344, 0.77246094], dtype=float32), array([0.          , 1.          , 0.95214844, 0.794
0.921875  , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.7944336 , 0.748
0.8071289 , 0.58154297], dtype=float32), array([0.          , 1.          , 0.7910156 , 0.900
0.9638672 , 0.54345703], dtype=float32), array([0.          , 1.          , 0.6464844 , 0.628
0.6455078 , 0.3010254 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.52490234, 0.21826172,
0.6713867 , 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
0.22265625, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.309
0.47021484, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
0.78027344, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.795
0.9213867 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.7480469 , 0.900
0.9638672 , 0.54296875], dtype=float32), array([0.          , 1.          , 0.7480469 , 0.748
0.8066406 , 0.58154297], dtype=float32), array([0.          , 1.          , 0.62109375, 0.629
0.6459961 , 0.30078125], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.52490234, 0.21923828,
0.6713867 , 0.8129883 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.051
0.22241211, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.309
0.4724121 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.667
0.78027344, 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.795
0.9213867 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.7915039 , 0.901
0.9638672 , 0.5415039 ], dtype=float32), array([0.          , 1.          , 0.75          , 0.747
0.80566406, 0.5810547 ], dtype=float32), array([0.          , 1.          , 0.66308594, 0.628
0.6455078 , 0.30078125], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.05383301, 0.2644043 ,
        0.2220459 , 0.95703125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.309
        0.47143555, 0.8647461 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.525
        0.6699219 , 0.81347656], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.78027344, 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.795
        0.9213867 , 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.8901367 , 0.900
        0.96435547, 0.5439453 ], dtype=float32), array([0.          , 1.          , 0.78515625, 0.746
        0.80566406, 0.58154297], dtype=float32), array([0.          , 1.          , 0.63964844, 0.629
        0.6459961 , 0.30029297], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.05541992, 0.26586914,
        0.22241211, 0.9580078 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.525
        0.67089844, 0.81103516], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.309
        0.4736328 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.668
        0.77978516, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.794
        0.9213867 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.8979492 , 0.901
        0.9633789 , 0.54296875], dtype=float32), array([0.          , 1.          , 0.7919922 , 0.746
        0.80566406, 0.58203125], dtype=float32), array([0.          , 1.          , 0.6430664 , 0.629
        0.64501953, 0.30004883], dtype=float32), array([0.          , 1.          , 0.61279297, 0.957
        1.          , 0.57421875], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.05603027, 0.265625 ,
        0.2220459 , 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.309
        0.4716797 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.523
        0.6713867 , 0.81347656], dtype=float32), array([0.          , 1.          , 0.99365234, 0.667
        0.7792969 , 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.794
        0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.87841797, 0.899
        0.96240234, 0.5419922 ], dtype=float32), array([0.          , 1.          , 0.68359375, 0.745
        0.8051758 , 0.5839844 ], dtype=float32), array([0.          , 1.          , 0.6738281 , 0.955
        1.          , 0.57177734], dtype=float32), array([0.          , 1.          , 0.63427734, 0.629
        0.6455078 , 0.2998047 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2

```

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.05700684, 0.26538086,
        0.22106934, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.310
        0.47265625, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.522
        0.67089844, 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
        0.7783203 , 0.76953125], dtype=float32), array([0.          , 1.          , 0.9580078 , 0.794
        0.92041016, 0.67333984], dtype=float32), array([0.          , 1.          , 0.87939453, 0.900
        0.96240234, 0.5419922 ], dtype=float32), array([0.          , 1.          , 0.765625  , 0.747
        0.80566406, 0.58154297], dtype=float32), array([0.          , 1.          , 0.7001953 , 0.955
        1.          , 0.5727539 ], dtype=float32), array([0.          , 1.          , 0.62841797, 0.629
        0.6459961 , 0.3005371 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.0567627 , 0.26586914,
        0.2208252 , 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.310
        0.46972656, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.522
        0.67089844, 0.8125     ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
        0.77734375, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.794
        0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.79296875, 0.900
        0.9614258 , 0.54003906], dtype=float32), array([0.          , 1.          , 0.73535156, 0.746
        0.80615234, 0.5805664 ], dtype=float32), array([0.          , 1.          , 0.69921875, 0.955
        0.9995117 , 0.5727539 ], dtype=float32), array([0.          , 1.          , 0.6166992 , 0.629
        0.6455078 , 0.2998047 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.05670166, 0.26733398,
        0.22143555, 0.95996094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.521
        0.67089844, 0.81103516], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.309
        0.47583008, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.669
        0.77685547, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95458984, 0.793
        0.921875  , 0.67285156], dtype=float32), array([0.          , 1.          , 0.8413086 , 0.747
        0.80566406, 0.5839844 ], dtype=float32), array([0.          , 1.          , 0.7050781 , 0.921
        0.9897461 , 0.55371094], dtype=float32), array([0.          , 1.          , 0.6542969 , 0.899
        0.96240234, 0.54003906], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.05670166, 0.26708984,
        0.22143555, 0.95947266], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.521
        0.67089844, 0.8125     ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.309
```



```

0.47192383, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
0.7763672 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.794921
0.6738281], dtype=float32), array([0.          , 1.          , 0.8125      , 0.74658203, 0.2469
0.8051758 , 0.58496094], dtype=float32), array([0.          , 1.          , 0.69384766 , 0.918
0.9873047 , 0.55371094], dtype=float32), array([0.          , 1.          , 0.62353516 , 0.629
0.6459961 , 0.30078125], dtype=float32), array([0.          , 1.          , 0.60058594 , 0.956
1.          , 0.5698242 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.05621338, 0.26586914,
0.22143555, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.521
0.67089844, 0.81152344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.311
0.46704102, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
0.7763672 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.9580078 , 0.794
0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.85595703, 0.747
0.80615234, 0.5864258 ], dtype=float32), array([0.          , 1.          , 0.68310547, 0.902
0.96191406, 0.5385742 ], dtype=float32), array([0.          , 1.          , 0.6542969 , 0.956
0.9995117 , 0.56933594], dtype=float32), array([0.          , 1.          , 0.6220703 , 0.629
0.6459961 , 0.30078125], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.05615234, 0.26635742,
0.22167969, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.315
0.46435547, 0.85546875], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.520
0.67041016, 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.7763672 , 0.76904297], dtype=float32), array([0.          , 1.          , 0.95410156, 0.795
0.9213867 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.8486328 , 0.747
0.8066406 , 0.5878906 ], dtype=float32), array([0.          , 1.          , 0.6923828 , 0.901
0.96240234, 0.54248047], dtype=float32), array([0.          , 1.          , 0.65527344, 0.957
1.          , 0.5698242 ], dtype=float32), array([0.          , 1.          , 0.62597656, 0.629
0.6455078 , 0.30004883], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31323242, 0.2475586 ,
0.46166992, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.522
0.67089844, 0.81347656], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.055
0.22131348, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
0.7763672 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.794
0.9213867 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.84814453, 0.747

```

```

0.80615234, 0.5888672 ], dtype=float32), array([0.          , 1.          , 0.70996094, 0.917
0.98535156, 0.55566406], dtype=float32), array([0.          , 1.          , 0.65527344, 0.957
1.          , 0.5698242 ], dtype=float32), array([0.          , 1.          , 0.6328125 , 0.629
0.6455078 , 0.3005371 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31567383, 0.24609375,
0.4621582 , 0.8535156 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.522
0.6713867 , 0.81347656], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.054
0.22045898, 0.95410156], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.7763672 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.794
0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.83203125, 0.747
0.80566406, 0.58984375], dtype=float32), array([0.          , 1.          , 0.80322266, 0.918
0.98779297, 0.5527344 ], dtype=float32), array([0.          , 1.          , 0.61328125, 0.630
0.6459961 , 0.30029297], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3154297 , 0.24633789,
0.4633789 , 0.8544922 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.525
0.6713867 , 0.81396484], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.054
0.2211914 , 0.9555664 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
0.7758789 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95458984, 0.793
0.92089844, 0.67529297], dtype=float32), array([0.          , 1.          , 0.85009766, 0.747
0.80566406, 0.58691406], dtype=float32), array([0.          , 1.          , 0.75878906, 0.917
0.9863281 , 0.55078125], dtype=float32), array([0.          , 1.          , 0.6489258 , 0.629
0.6455078 , 0.3005371 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31518555, 0.24731445,
0.4597168 , 0.85546875], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.525
0.67089844, 0.8125     ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.053
0.22131348, 0.9536133 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.7763672 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9511719 , 0.793
0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.79833984, 0.746
0.8046875 , 0.58691406], dtype=float32), array([0.          , 1.          , 0.7060547 , 0.917
0.9863281 , 0.55029297], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31591797, 0.25
        0.45654297, 0.8544922 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.527
        0.6699219 , 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
        0.2211914 , 0.953125  ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
        0.7758789 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.792
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8232422 , 0.747
        0.8046875 , 0.5839844 ], dtype=float32), array([0.          , 1.          , 0.78466797, 0.919
        0.98779297, 0.55371094], dtype=float32), array([0.          , 1.          , 0.63378906, 0.629
        0.6455078 , 0.3005371 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31298828, 0.24926758,
        0.45654297, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.67089844, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
        0.22131348, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.77685547, 0.76708984], dtype=float32), array([0.          , 1.          , 0.94970703, 0.793
        0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.7890625 , 0.746
        0.8041992 , 0.58496094], dtype=float32), array([0.          , 1.          , 0.7207031 , 0.919
        0.9868164 , 0.55371094], dtype=float32), array([0.          , 1.          , 0.6533203 , 0.954
        0.99853516, 0.56933594], dtype=float32), array([0.          , 1.          , 0.61621094, 0.901
        0.9580078 , 0.53466797], dtype=float32), array([0.          , 1.          , 0.6015625 , 0.629
        0.6455078 , 0.2998047 ], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3149414 , 0.25048828,
        0.45214844, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.531738
        0.8125    ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.0526123 , 0.2702
        0.22180176, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.7763672 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.793
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8120117 , 0.747
        0.8046875 , 0.5839844 ], dtype=float32), array([0.          , 1.          , 0.7001953 , 0.955
        0.99902344, 0.56933594], dtype=float32), array([0.          , 1.          , 0.6816406 , 0.919
        0.98583984, 0.5541992 ], dtype=float32), array([0.          , 1.          , 0.6166992 , 0.629
        0.6455078 , 0.2998047 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31396484, 0.25024414,
```

```

0.45214844, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.531
0.67041016, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.053
0.22192383, 0.95751953], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668945
0.7661133], dtype=float32), array([0.          , 1.          , 0.95166016, 0.7949219 , 0.2602
0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.7890625 , 0.747
0.8046875 , 0.58447266], dtype=float32), array([0.          , 1.          , 0.671875 , 0.954
0.99853516, 0.56884766], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.23950195,
0.4519043 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.532
0.67089844, 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.053
0.22167969, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.669
0.77685547, 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.794
0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8095703 , 0.747
0.8041992 , 0.5830078 ], dtype=float32), array([0.          , 1.          , 0.6621094 , 0.956
0.99902344, 0.56884766], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.23901367,
0.45117188, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.531
0.6713867 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
0.22167969, 0.95996094], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
0.7763672 , 0.765625 ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.794
0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.76904297, 0.747
0.8046875 , 0.5839844 ], dtype=float32), array([0.          , 1.          , 0.6142578 , 0.956
0.9995117 , 0.56884766], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24023438,
0.45117188, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.526
0.6723633 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
0.22192383, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.7763672 , 0.765625 ], dtype=float32), array([0.          , 1.          , 0.9589844 , 0.795
0.92041016, 0.67333984], dtype=float32), array([0.          , 1.          , 0.7890625 , 0.747
0.8051758 , 0.58447266], dtype=float32), array([0.          , 1.          , 0.66503906, 0.957
0.99902344, 0.5683594 ], dtype=float32), array([0.          , 1.          , 0.6113281 , 0.629
0.6455078 , 0.29833984], dtype=float32)]
Total People in frame = 8

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.2397461 ,
        0.45166016, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.528
        0.6713867 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.050
        0.22216797, 0.9580078 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
        0.77685547, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.795
        0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.7597656 , 0.747
        0.8046875 , 0.58496094], dtype=float32), array([0.          , 1.          , 0.68359375, 0.955
        0.99853516, 0.5683594 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.23950195,
        0.45166016, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22241211, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.528
        0.6713867 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.7763672 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.95703125, 0.794
        0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.7949219 , 0.748
        0.80566406, 0.58447266], dtype=float32), array([0.          , 1.          , 0.6816406 , 0.955
        0.99853516, 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.6328125 , 0.629
        0.6455078 , 0.29736328], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31152344, 0.23779297,
        0.45166016, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22705078, 0.96728516], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.6713867 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.7763672 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.795
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.77001953, 0.747
        0.80615234, 0.58740234], dtype=float32), array([0.          , 1.          , 0.63916016, 0.956
        0.99902344, 0.5703125 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31176758, 0.23730469,
        0.4519043 , 0.86035156], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22692871, 0.96484375], dtype=float32), array([0.          , 1.          , 0.99658203, 0.528
        0.671875 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.667
```

```

0.7763672 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
0.9213867 , 0.67285156], dtype=float32), array([0.          , 1.          , 0.7397461 , 0.746
0.8051758 , 0.58496094], dtype=float32), array([0.          , 1.          , 0.67822266, 0.956
0.99902344, 0.5708008 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3125      , 0.23632812,
0.45117188, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.043
0.22668457, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.517
0.67041016, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
0.7763672 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.6933594 , 0.745
0.80566406, 0.5888672 ], dtype=float32), array([0.          , 1.          , 0.6933594 , 0.957
0.99902344, 0.5698242 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31274414, 0.23608398,
0.45092773, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.043
0.22351074, 0.96777344], dtype=float32), array([0.          , 1.          , 0.99560547, 0.513
0.66796875, 0.81884766], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
0.7763672 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.795
0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.7949219 , 0.747
0.80615234, 0.5883789 ], dtype=float32), array([0.          , 1.          , 0.65625   , 0.956
0.99902344, 0.5722656 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31396484, 0.23730469,
0.4501953 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.2265625 , 0.96777344], dtype=float32), array([0.          , 1.          , 0.99609375, 0.510
0.6669922 , 0.8208008 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
0.77685547, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9580078 , 0.796
0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.74658203, 0.743
0.8076172 , 0.5957031 ], dtype=float32), array([0.          , 1.          , 0.640625  , 0.956
0.99902344, 0.5698242 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.9980469 , 0.31518555, 0.24194336,
        0.4494629 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.043
        0.22668457, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.508
        0.6665039 , 0.82421875], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7763672 , 0.76416016], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.795
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8520508 , 0.746
        0.8095703 , 0.59228516], dtype=float32), array([0.          , 1.          , 0.65722656, 0.956
        0.99902344, 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.60595703, 0.630
        0.6459961 , 0.29785156], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31469727, 0.23583984,
        0.44995117, 0.86376953], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22619629, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.506
        0.6669922 , 0.8232422 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.77734375, 0.76464844], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8251953 , 0.746
        0.8076172 , 0.58935547], dtype=float32), array([0.          , 1.          , 0.6982422 , 0.956
        0.99902344, 0.5698242 ], dtype=float32), array([0.          , 1.          , 0.6064453 , 0.921
        0.98291016, 0.5517578 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31591797, 0.24169922,
        0.44873047, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.504
        0.66503906, 0.8222656 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22631836, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7763672 , 0.76171875], dtype=float32), array([0.          , 1.          , 0.9589844 , 0.796
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8574219 , 0.745117
        0.5932617], dtype=float32), array([0.          , 1.          , 0.7314453 , 0.95703125, 0.2556
        0.99902344, 0.56933594], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31640625, 0.24169922,
        0.44873047, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.2265625 , 0.96875 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.505
        0.66503906, 0.81884766], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
        0.77685547, 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.96240234, 0.796
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8066406 , 0.746
        0.8076172 , 0.58740234], dtype=float32), array([0.          , 1.          , 0.72265625, 0.957
```

```

1.          , 0.56933594], dtype=float32), array([0.          , 1.          , 0.60839844, 0.921
0.9848633 , 0.5517578 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3166504 , 0.24243164,
0.44848633, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22680664, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.508
0.66552734, 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
0.77685547, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.796
0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8310547 , 0.744
0.80859375, 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.7470703 , 0.957
1.          , 0.56933594], dtype=float32), array([0.          , 1.          , 0.609375 , 0.920
0.98339844, 0.5527344 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31591797, 0.24658203,
0.44970703, 0.8647461 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22680664, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.508
0.66552734, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
0.77685547, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.796386
0.6723633], dtype=float32), array([0.          , 1.          , 0.71972656, 0.74365234, 0.2486
0.80810547, 0.59277344], dtype=float32), array([0.          , 1.          , 0.7104492 , 0.957
1.          , 0.5698242 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31591797, 0.24731445,
0.4501953 , 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22717285, 0.96777344], dtype=float32), array([0.          , 1.          , 0.99609375, 0.501
0.66503906, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
0.77685547, 0.76171875], dtype=float32), array([0.          , 1.          , 0.95410156, 0.795
0.92089844, 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.734375 , 0.956
0.9995117 , 0.56933594], dtype=float32), array([0.          , 1.          , 0.7109375 , 0.744
0.80859375, 0.59277344], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31567383, 0.24707031,

```



```

0.45092773, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22705078, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.495
0.66552734, 0.8125    ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
0.77685547, 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.95214844, 0.795
0.92089844, 0.67041016], dtype=float32), array([0.          , 1.          , 0.7080078 , 0.957
1.          , 0.56933594], dtype=float32), array([0.          , 1.          , 0.6738281 , 0.744
0.80859375, 0.5942383 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31640625, 0.24365234,
0.4506836 , 0.86083984], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22705078, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.497
0.6660156 , 0.8173828 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
0.7763672 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9453125 , 0.795
0.9213867 , 0.67089844], dtype=float32), array([0.          , 1.          , 0.76220703, 0.744
0.8100586 , 0.5942383 ], dtype=float32), array([0.          , 1.          , 0.71972656, 0.957
1.          , 0.57128906], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31591797, 0.24731445,
0.45117188, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22705078, 0.96777344], dtype=float32), array([0.          , 1.          , 0.99560547, 0.498
0.6660156 , 0.8173828 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
0.77734375, 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9399414 , 0.793
0.92089844, 0.67041016], dtype=float32), array([0.          , 1.          , 0.74121094, 0.744
0.80908203, 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.68652344, 0.957
1.          , 0.57177734], dtype=float32), array([0.          , 1.          , 0.63671875, 0.897
0.9580078 , 0.53759766], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3166504 , 0.24438477,
0.45141602, 0.859375   ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22692871, 0.9682617 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.496
0.6660156 , 0.8203125 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
0.77734375, 0.765625   ], dtype=float32), array([0.          , 1.          , 0.94677734, 0.794
0.92089844, 0.671875   ], dtype=float32), array([0.          , 1.          , 0.7529297 , 0.746
0.8105469 , 0.59375    ], dtype=float32), array([0.          , 1.          , 0.75097656, 0.897
0.95703125, 0.53222656], dtype=float32), array([0.          , 1.          , 0.70214844, 0.956
1.          , 0.5732422 ], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31689453, 0.24365234,
        0.45166016, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22705078, 0.96972656], dtype=float32), array([0.          , 1.          , 0.99609375, 0.498
        0.66503906, 0.8203125 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.77734375, 0.76660156], dtype=float32), array([0.          , 1.          , 0.94677734, 0.794
        0.92089844, 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.73339844, 0.747
        0.80810547, 0.5883789 ], dtype=float32), array([0.          , 1.          , 0.72265625, 0.898
        0.9580078 , 0.53515625], dtype=float32), array([0.          , 1.          , 0.640625 , 0.955
        0.9995117 , 0.5727539 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31689453, 0.24414062,
        0.45166016, 0.859375  ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22387695, 0.96875  ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.664
        0.77685547, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.501
        0.66503906, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9448242 , 0.793
        0.92089844, 0.67089844], dtype=float32), array([0.          , 1.          , 0.8574219 , 0.747
        0.80908203, 0.5834961 ], dtype=float32), array([0.          , 1.          , 0.78125 , 0.898
        0.95947266, 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.6044922 , 0.922
        0.9916992 , 0.5566406 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31640625, 0.2475586 ,
        0.45166016, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22729492, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.664
        0.77685547, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.504
        0.6660156 , 0.8173828 ], dtype=float32), array([0.          , 1.          , 0.9423828 , 0.793
        0.92041016, 0.6694336 ], dtype=float32), array([0.          , 1.          , 0.8256836 , 0.747
        0.80810547, 0.58447266], dtype=float32), array([0.          , 1.          , 0.82421875, 0.897
        0.9584961 , 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6015625 , 0.954
        0.99902344, 0.57421875], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31713867, 0.24487305,

```

```

0.45043945, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
0.22717285, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
0.77783203, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.513
0.6689453 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9423828 , 0.793
0.9213867 , 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.8383789 , 0.747
0.80859375, 0.58447266], dtype=float32), array([0.          , 1.          , 0.8125      , 0.898
0.9589844 , 0.5390625 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3161621 , 0.24829102,
0.45092773, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22424316, 0.96972656], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.511
0.67041016, 0.81347656], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.664
0.77783203, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9404297 , 0.793
0.92041016, 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.8120117 , 0.747
0.80810547, 0.58496094], dtype=float32), array([0.          , 1.          , 0.79296875, 0.896
0.9584961 , 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.6152344 , 0.949
0.9995117 , 0.5727539 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3154297 , 0.25024414,
0.45117188, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
0.22729492, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.510
0.671875 , 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
0.7783203 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9423828 , 0.793
0.92089844, 0.6689453 ], dtype=float32), array([0.          , 1.          , 0.86816406, 0.747
0.80908203, 0.58691406], dtype=float32), array([0.          , 1.          , 0.80029297, 0.897
0.9580078 , 0.5390625 ], dtype=float32), array([0.          , 1.          , 0.66308594, 0.949
0.99902344, 0.56152344], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31298828, 0.25146484,
0.45117188, 0.8647461 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
0.22753906, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.512
0.671875 , 0.81591797], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
0.77734375, 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.94140625, 0.793
0.92041016, 0.66845703], dtype=float32), array([0.          , 1.          , 0.80859375, 0.747
0.80908203, 0.5883789 ], dtype=float32), array([0.          , 1.          , 0.77978516, 0.895
0.95654297, 0.5395508 ], dtype=float32), array([0.          , 1.          , 0.6875      , 0.949

```

```

    0.99853516, 0.5605469 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.2397461 ,
        0.4506836 , 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22839355, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.509
        0.671875 , 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.664
        0.77783203, 0.76660156], dtype=float32), array([0.          , 1.          , 0.95751953, 0.795
        0.9194336 , 0.67041016], dtype=float32), array([0.          , 1.          , 0.8930664 , 0.749
        0.8105469 , 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.80566406, 0.895
        0.95751953, 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6826172 , 0.955
        0.99902344, 0.57373047], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24023438,
        0.45043945, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22888184, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.510
        0.671875 , 0.8178711 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.664
        0.77734375, 0.76708984], dtype=float32), array([0.          , 1.          , 0.95751953, 0.795
        0.9199219 , 0.67041016], dtype=float32), array([0.          , 1.          , 0.89160156, 0.749
        0.8100586 , 0.5878906 ], dtype=float32), array([0.          , 1.          , 0.78027344, 0.895
        0.95703125, 0.5371094 ], dtype=float32), array([0.          , 1.          , 0.6845703 , 0.955
        0.9995117 , 0.57373047], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30908203, 0.24169922,
        0.4501953 , 0.86279297], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.2290039 , 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.511
        0.67285156, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.664
        0.77783203, 0.76708984], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.795
        0.92041016, 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.89453125, 0.749
        0.8105469 , 0.59375   ], dtype=float32), array([0.          , 1.          , 0.80126953, 0.895
        0.95654297, 0.5341797 ], dtype=float32), array([0.          , 1.          , 0.67578125, 0.950
        0.99902344, 0.5605469 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99902344, 0.30908203, 0.24047852,
        0.4501953 , 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22851562, 0.96875  ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.513
        0.6723633 , 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
        0.7783203 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.95410156, 0.793
        0.92041016, 0.67089844], dtype=float32), array([0.          , 1.          , 0.8984375 , 0.748
        0.8095703 , 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.69970703, 0.893
        0.9550781 , 0.53125  ], dtype=float32), array([0.          , 1.          , 0.66259766, 0.949
        0.99902344, 0.55859375], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.30908203, 0.24023438,
        0.4501953 , 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22802734, 0.96875  ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.509
        0.671875  , 0.81689453], dtype=float32), array([0.          , 1.          , 0.99365234, 0.664
        0.7788086 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.95214844, 0.793
        0.92041016, 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.90527344, 0.747
        0.8105469 , 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.703125  , 0.949
        0.99902344, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.62402344, 0.894
        0.95410156, 0.5283203 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.3100586 , 0.24072266,
        0.44921875, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.509
        0.671875  , 0.81640625], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.050
        0.22265625, 0.95703125], dtype=float32), array([0.          , 1.          , 0.99365234, 0.665
        0.7792969 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9423828 , 0.792
        0.92089844, 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.8623047 , 0.746
        0.8105469 , 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.7055664 , 0.950
        0.99902344, 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.67041016, 0.896
        0.9536133 , 0.52734375], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.3100586 , 0.23950195,
        0.44873047, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.511
        0.67333984, 0.81347656], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.051
        0.22229004, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.665
        0.7792969 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.92578125, 0.791
        0.92089844, 0.6669922 ], dtype=float32), array([0.          , 1.          , 0.89208984, 0.746
```

```

0.8120117 , 0.59375 ], dtype=float32), array([0. , 1. , 0.7426758 , 0.895
0.9555664 , 0.53515625], dtype=float32), array([0. , 1. , 0.69873047, 0.955
0.99902344, 0.57373047], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.99902344, 0.3100586 , 0.23828125,
0.44873047, 0.8623047 ], dtype=float32), array([0. , 1. , 0.9970703 , 0.507
0.6723633 , 0.81347656], dtype=float32), array([0. , 1. , 0.9970703 , 0.052
0.22167969, 0.9550781 ], dtype=float32), array([0. , 1. , 0.99316406, 0.665
0.7792969 , 0.7661133 ], dtype=float32), array([0. , 1. , 0.92529297, 0.790
0.921875 , 0.6699219 ], dtype=float32), array([0. , 1. , 0.87646484, 0.746
0.81103516, 0.59375 ], dtype=float32), array([0. , 1. , 0.7246094 , 0.950
0.99902344, 0.56103516], dtype=float32), array([0. , 1. , 0.6503906 , 0.896
0.9526367 , 0.5283203 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.99902344, 0.3100586 , 0.23803711,
0.4482422 , 0.8623047 ], dtype=float32), array([0. , 1. , 0.9975586 , 0.054
0.22216797, 0.95703125], dtype=float32), array([0. , 1. , 0.9970703 , 0.507
0.67285156, 0.8125 ], dtype=float32), array([0. , 1. , 0.9916992 , 0.664
0.7817383 , 0.7675781 ], dtype=float32), array([0. , 1. , 0.9121094 , 0.786
0.9213867 , 0.671875 ], dtype=float32), array([0. , 1. , 0.83496094, 0.744
0.8129883 , 0.59472656], dtype=float32), array([0. , 1. , 0.72802734, 0.898
0.95410156, 0.5292969 ], dtype=float32), array([0. , 1. , 0.7011719 , 0.950
0.99902344, 0.56103516], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.99902344, 0.3100586 , 0.23901367,
0.4482422 , 0.8623047 ], dtype=float32), array([0. , 1. , 0.9975586 , 0.503
0.67041016, 0.8173828 ], dtype=float32), array([0. , 1. , 0.9975586 , 0.054
0.22192383, 0.95703125], dtype=float32), array([0. , 1. , 0.99072266, 0.666
0.7841797 , 0.7685547 ], dtype=float32), array([0. , 1. , 0.9057617 , 0.781
0.9169922 , 0.66308594], dtype=float32), array([0. , 1. , 0.81933594, 0.745
0.81347656, 0.5932617 ], dtype=float32), array([0. , 1. , 0.71777344, 0.949
0.99902344, 0.56152344], dtype=float32), array([0. , 1. , 0.69921875, 0.899
0.95410156, 0.5263672 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.30981445, 0.23852539,
        0.44848633, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.501
        0.6694336 , 0.8129883 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.055
        0.22180176, 0.9609375 ], dtype=float32), array([0.          , 1.          , 0.98876953, 0.665
        0.78759766, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9121094 , 0.779
        0.9165039 , 0.6640625 ], dtype=float32), array([0.          , 1.          , 0.8417969 , 0.745
        0.8154297 , 0.59472656], dtype=float32), array([0.          , 1.          , 0.7373047 , 0.949
        0.99902344, 0.56152344], dtype=float32), array([0.          , 1.          , 0.6352539 , 0.899
        0.953125 , 0.5253906 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.3095703 , 0.23852539,
        0.44873047, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.503
        0.66845703, 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.055
        0.22192383, 0.9609375 ], dtype=float32), array([0.          , 1.          , 0.98779297, 0.665
        0.78808594, 0.765625 ], dtype=float32), array([0.          , 1.          , 0.9082031 , 0.781
        0.9165039 , 0.66308594], dtype=float32), array([0.          , 1.          , 0.8417969 , 0.744
        0.81396484, 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.7783203 , 0.948
        0.99902344, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.60839844, 0.898
        0.95214844, 0.5234375 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.23999023,
        0.4482422 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.505
        0.66845703, 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.054
        0.22192383, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.665
        0.78759766, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.91796875, 0.789
        0.92089844, 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.7885742 , 0.948
        0.99902344, 0.5600586 ], dtype=float32), array([0.          , 1.          , 0.75683594, 0.743
        0.8120117 , 0.5917969 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24047852,
        0.4482422 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.506
        0.67089844, 0.8149414 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.054
        0.22192383, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.665
        0.7866211 , 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.9301758 , 0.791503
```

```

        0.6694336], dtype=float32), array([0.          , 1.          , 0.78808594, 0.9482422 , 0.2283
        0.99902344, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.6503906 , 0.744
        0.81152344, 0.5932617 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24121094,
        0.44726562, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.510
        0.67089844, 0.81396484], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
        0.22192383, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
        0.7885742 , 0.77197266], dtype=float32), array([0.          , 1.          , 0.92529297, 0.790
        0.9213867 , 0.6699219 ], dtype=float32), array([0.          , 1.          , 0.7993164 , 0.947
        0.99902344, 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.6147461 , 0.743
        0.8120117 , 0.59277344], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24023438,
        0.44677734, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.512
        0.67089844, 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
        0.2220459 , 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.665
        0.7915039 , 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9238281 , 0.789
        0.921875 , 0.671875 ], dtype=float32), array([0.          , 1.          , 0.8046875 , 0.947
        0.99902344, 0.5605469 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24121094,
        0.44580078, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.518
        0.6713867 , 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
        0.22167969, 0.953125 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
        0.7910156 , 0.7739258 ], dtype=float32), array([0.          , 1.          , 0.92871094, 0.791
        0.921875 , 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.79541016, 0.946
        0.99902344, 0.56103516], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24194336,
        0.4453125 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.526
        0.6723633 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.051

```



```

0.22167969, 0.95410156], dtype=float32), array([0.          , 1.          , 0.99365234, 0.665
0.7919922 , 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9243164 , 0.791
0.921875  , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.84716797, 0.935
0.9995117 , 0.5620117 ], dtype=float32), array([0.          , 1.          , 0.60253906, 0.744
0.8125     , 0.59228516], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30981445, 0.24243164,
0.44458008, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.530
0.67285156, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.051
0.22216797, 0.95458984], dtype=float32), array([0.          , 1.          , 0.99316406, 0.664
0.7944336 , 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.91308594, 0.790
0.921875  , 0.67089844], dtype=float32), array([0.          , 1.          , 0.84375   , 0.935
1.          , 0.5620117 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30981445, 0.24243164,
0.44360352, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.531
0.67285156, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.051
0.22253418, 0.953125  ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
0.7919922 , 0.77246094], dtype=float32), array([0.          , 1.          , 0.9326172 , 0.791
0.921875  , 0.67041016], dtype=float32), array([0.          , 1.          , 0.84277344, 0.935
1.          , 0.5649414 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24316406,
0.44384766, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.531
0.6738281 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
0.22241211, 0.95214844], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
0.7885742 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9501953 , 0.795
0.9223633 , 0.67285156], dtype=float32), array([0.          , 1.          , 0.8569336 , 0.936
0.9995117 , 0.5629883 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.2434082 ,
0.44335938, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.053

```

```

0.22216797, 0.953125 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.531
0.67285156, 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9902344, 0.664062
0.7714844], dtype=float32), array([0.          , 1.          , 0.95410156, 0.7963867 , 0.2543
0.9223633 , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.86816406, 0.936
0.9995117 , 0.5625     ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.2434082 ,
0.44311523, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.530
0.67333984, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.053
0.2220459 , 0.953125 ], dtype=float32), array([0.          , 1.          , 0.99121094, 0.664
0.7841797 , 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.95996094, 0.797
0.92285156, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.9057617 , 0.935
0.99853516, 0.56103516], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24414062,
0.4440918 , 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.531
0.67333984, 0.80615234], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.053
0.2220459 , 0.95410156], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.664
0.78564453, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9604492 , 0.798
0.92333984, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.9272461 , 0.933
0.9980469 , 0.5595703 ], dtype=float32), array([0.          , 1.          , 0.6357422 , 0.630
0.6459961 , 0.30078125], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24536133,
0.44458008, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.531
0.6743164 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.052
0.22229004, 0.9526367 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.663
0.78564453, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.797
0.92285156, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.90185547, 0.933
0.9970703 , 0.5620117 ], dtype=float32), array([0.          , 1.          , 0.6435547 , 0.629
0.6455078 , 0.30078125], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.2446289 ,
        0.44580078, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.529
        0.67333984, 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.050
        0.22241211, 0.95166016], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.664
        0.78466797, 0.77441406], dtype=float32), array([0.          , 1.          , 0.96533203, 0.798
        0.92333984, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.8955078 , 0.933
        0.9970703 , 0.5625     ], dtype=float32), array([0.          , 1.          , 0.6298828 , 0.629
        0.6455078 , 0.30200195], dtype=float32), array([0.          , 1.          , 0.61816406, 0.901
        0.9560547 , 0.5263672 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.24536133,
        0.44677734, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.67285156, 0.80615234], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.22302246, 0.95166016], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
        0.7832031 , 0.77783203], dtype=float32), array([0.          , 1.          , 0.96777344, 0.798
        0.92333984, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.9223633 , 0.933
        0.9970703 , 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.62109375, 0.629
        0.6459961 , 0.30273438], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.24633789,
        0.4482422 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.527
        0.6723633 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22766113, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.7832031 , 0.77734375], dtype=float32), array([0.          , 1.          , 0.96533203, 0.797
        0.92285156, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.94677734, 0.934
        0.9975586 , 0.5605469 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30859375, 0.24682617,
        0.44873047, 0.859375 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.047
        0.22790527, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.527
        0.671875 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.78271484, 0.7763672 ], dtype=float32), array([0.          , 1.          , 0.96533203, 0.797
        0.92333984, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.9379883 , 0.934
        0.9980469 , 0.5605469 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3083496 , 0.24658203,
        0.44799805, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.526
        0.6723633 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22814941, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7817383 , 0.7753906 ], dtype=float32), array([0.          , 1.          , 0.9638672 , 0.796
        0.92333984, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.9003906 , 0.937
        0.99853516, 0.5600586 ], dtype=float32), array([0.          , 1.          , 0.75          , 0.902
        0.9526367 , 0.47387695], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30786133, 0.24658203,
        0.4489746 , 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.046
        0.22827148, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.525
        0.6723633 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.7817383 , 0.7763672 ], dtype=float32), array([0.          , 1.          , 0.96435547, 0.795
        0.92333984, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.8544922 , 0.939
        0.9980469 , 0.5576172 ], dtype=float32), array([0.          , 1.          , 0.7324219 , 0.903
        0.95410156, 0.4658203 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3076172 , 0.24609375,
        0.44873047, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22851562, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.526
        0.671875   , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.78222656, 0.77734375], dtype=float32), array([0.          , 1.          , 0.96728516, 0.795
        0.92285156, 0.6772461 ], dtype=float32), array([0.          , 1.          , 0.8852539 , 0.936
        0.99658203, 0.56347656], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30737305, 0.24609375,
        0.44848633, 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22558594, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.527
        0.6723633 , 0.8051758 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.664
        0.7807617 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9658203 , 0.795
        0.92285156, 0.67822266], dtype=float32), array([0.          , 1.          , 0.8203125 , 0.935
        0.99560547, 0.56347656], dtype=float32)]
```

```

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30737305, 0.24560547,
        0.44799805, 0.8569336 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22509766, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.6723633 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.664
        0.7788086 , 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.96484375, 0.796
        0.9223633 , 0.67822266], dtype=float32), array([0.          , 1.          , 0.7602539 , 0.950
        0.9980469 , 0.5683594 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30688477, 0.24487305,
        0.44702148, 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.2277832 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.664
        0.77734375, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.531
        0.671875 , 0.80615234], dtype=float32), array([0.          , 1.          , 0.9663086 , 0.796
        0.921875 , 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.75097656, 0.950
        0.99902344, 0.5649414 ], dtype=float32)]

Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30664062, 0.2446289 ,
        0.4477539 , 0.85791016], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22729492, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.531
        0.6713867 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.664
        0.77783203, 0.77246094], dtype=float32), array([0.          , 1.          , 0.9682617 , 0.796
        0.921875 , 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.7402344 , 0.955
        0.9995117 , 0.5678711 ], dtype=float32), array([0.          , 1.          , 0.609375 , 0.739
        0.80566406, 0.59765625], dtype=float32)]

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30688477, 0.24389648,
        0.44750977, 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22753906, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.531
        0.67089844, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.77783203, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9692383 , 0.797
        0.9213867 , 0.67871094], dtype=float32), array([0.          , 1.          , 0.74609375, 0.956

```

```

        0.9995117 , 0.5683594 ], dtype=float32), array([0.          , 1.          , 0.6298828 , 0.739
        0.80615234, 0.59814453], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30688477, 0.2434082 ,
        0.44702148, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22509766, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.531
        0.671875 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.77734375, 0.77197266], dtype=float32), array([0.          , 1.          , 0.96728516, 0.796
        0.92089844, 0.67871094], dtype=float32), array([0.          , 1.          , 0.8173828 , 0.958
        1.          , 0.5654297 ], dtype=float32), array([0.          , 1.          , 0.7290039 , 0.741
        0.80615234, 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.6171875 , 0.933
        0.9716797 , 0.3540039 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30737305, 0.24414062,
        0.44702148, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.2277832 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.531
        0.671875 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.7763672 , 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9667969 , 0.796
        0.92089844, 0.67822266], dtype=float32), array([0.          , 1.          , 0.7470703 , 0.742
        0.8066406 , 0.5991211 ], dtype=float32), array([0.          , 1.          , 0.6616211 , 0.957
        0.99853516, 0.54833984], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.3071289 , 0.24438477,
        0.4477539 , 0.859375 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22753906, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.530
        0.6713867 , 0.8041992 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.7763672 , 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.9658203 , 0.796
        0.92089844, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.71484375, 0.743
        0.8066406 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.671875 , 0.935
        0.97216797, 0.3515625 ], dtype=float32), array([0.          , 1.          , 0.6479492 , 0.920
        0.9926758 , 0.5644531 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.30737305, 0.24389648,
        0.44750977, 0.859375   ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22705078, 0.9633789 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.671875   , 0.80371094], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.77685547, 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.96533203, 0.797
        0.9213867 , 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.7739258 , 0.919
        0.99609375, 0.56933594], dtype=float32), array([0.          , 1.          , 0.7011719 , 0.743
        0.8076172 , 0.5986328 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30737305, 0.24365234,
        0.44750977, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22460938, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.671875   , 0.8041992 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.77734375, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9658203 , 0.797
        0.92089844, 0.67578125], dtype=float32), array([0.          , 1.          , 0.7729492 , 0.743
        0.80810547, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.62158203, 0.919
        0.99560547, 0.5625    ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3076172 , 0.24414062,
        0.4482422 , 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22753906, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.6723633 , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.77734375, 0.7739258 ], dtype=float32), array([0.          , 1.          , 0.96728516, 0.797
        0.92089844, 0.67626953], dtype=float32), array([0.          , 1.          , 0.8046875 , 0.743
        0.80810547, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.61816406, 0.629
        0.6459961 , 0.30249023], dtype=float32), array([0.          , 1.          , 0.6074219 , 0.899
        0.9589844 , 0.53027344], dtype=float32), array([0.          , 1.          , 0.60302734, 0.916
        0.99365234, 0.56103516], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.3076172 , 0.24389648,
        0.44873047, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.2277832 , 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.67333984, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.664
        0.77783203, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9667969 , 0.798
        0.92041016, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.80615234, 0.742
        0.8071289 , 0.6020508 ], dtype=float32), array([0.          , 1.          , 0.6279297 , 0.629882
```

```

    0.3017578], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30810547, 0.2446289 ,
        0.4477539 , 0.86083984], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22436523, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.6723633 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.7783203 , 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.96533203, 0.796
        0.92089844, 0.67529297], dtype=float32), array([0.          , 1.          , 0.85839844, 0.743
        0.80810547, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.6479492 , 0.918
        0.99609375, 0.5546875 ], dtype=float32), array([0.          , 1.          , 0.63916016, 0.629
        0.6459961 , 0.3022461 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30810547, 0.24414062,
        0.4477539 , 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.2277832 , 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.6723633 , 0.80810547], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.7788086 , 0.77441406], dtype=float32), array([0.          , 1.          , 0.9638672 , 0.797
        0.9213867 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.83154297, 0.742
        0.8071289 , 0.60058594], dtype=float32), array([0.          , 1.          , 0.7324219 , 0.918
        0.9970703 , 0.5566406 ], dtype=float32), array([0.          , 1.          , 0.65234375, 0.629
        0.6459961 , 0.3017578 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30859375, 0.24487305,
        0.44726562, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22802734, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.6723633 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.7788086 , 0.7758789 ], dtype=float32), array([0.          , 1.          , 0.96435547, 0.796
        0.921875 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8535156 , 0.742
        0.8076172 , 0.5996094 ], dtype=float32), array([0.          , 1.          , 0.6796875 , 0.921
        0.9980469 , 0.55566406], dtype=float32), array([0.          , 1.          , 0.66259766, 0.629
        0.6459961 , 0.3010254 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```



```
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.24438477,
        0.44726562, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.67285156, 0.81152344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22631836, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.7783203 , 0.7763672 ], dtype=float32), array([0.          , 1.          , 0.9638672 , 0.797
        0.9213867 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.85595703, 0.742
        0.8071289 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.83251953, 0.920
        0.99902344, 0.5605469 ], dtype=float32), array([0.          , 1.          , 0.62158203, 0.629
        0.6459961 , 0.3017578 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.2434082 ,
        0.44726562, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22753906, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.528
        0.6723633 , 0.81103516], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.665
        0.7792969 , 0.7763672 ], dtype=float32), array([0.          , 1.          , 0.96435547, 0.797
        0.921875 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8984375 , 0.916
        1.          , 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.8105469 , 0.742
        0.8066406 , 0.59814453], dtype=float32), array([0.          , 1.          , 0.6669922 , 0.629
        0.64501953, 0.30273438], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.3088379 , 0.2434082 ,
        0.44702148, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22766113, 0.96533203], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.67285156, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.7783203 , 0.7753906 ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.796
        0.921875 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.87841797, 0.916
        1.          , 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.77441406, 0.746
        0.80566406, 0.59277344], dtype=float32), array([0.          , 1.          , 0.6064453 , 0.629
        0.6455078 , 0.30395508], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99902344, 0.30908203, 0.2434082 ,
        0.44726562, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.2277832 , 0.96484375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.67285156, 0.80908203], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.7792969 , 0.7753906 ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.796
        0.921875 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.9042969 , 0.916
```

```

        0.99902344, 0.5708008 ], dtype=float32), array([0.          , 1.          , 0.8051758 , 0.747
        0.80810547, 0.5913086 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24316406,
        0.44799805, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22790527, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.67285156, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.78027344, 0.7753906 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
        0.9223633 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8852539 , 0.916
        0.99853516, 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.77734375, 0.746
        0.80615234, 0.58740234], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.24365234,
        0.44873047, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22802734, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.530
        0.67285156, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
        0.78027344, 0.7714844 ], dtype=float32), array([0.          , 1.          , 0.95703125, 0.796
        0.92285156, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.82910156, 0.919
        0.99902344, 0.5708008 ], dtype=float32), array([0.          , 1.          , 0.7167969 , 0.747
        0.8051758 , 0.5864258 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30932617, 0.24414062,
        0.4494629 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22827148, 0.9682617 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.531
        0.6738281 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
        0.78027344, 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.796
        0.921875 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.7324219 , 0.923
        0.99902344, 0.5703125 ], dtype=float32), array([0.          , 1.          , 0.7167969 , 0.747
        0.8046875 , 0.58447266], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.2434082 ,
        0.4501953 , 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044

```

```

0.22827148, 0.96777344], dtype=float32), array([0.          , 1.          , 0.99560547, 0.669
0.78027344, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.531
0.6738281 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.796
0.921875  , 0.67578125], dtype=float32), array([0.          , 1.          , 0.71972656, 0.747
0.80322266, 0.5834961 ], dtype=float32), array([0.          , 1.          , 0.70410156, 0.924
0.9995117 , 0.56933594], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24389648,
0.44970703, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
0.22485352, 0.96777344], dtype=float32), array([0.          , 1.          , 0.99560547, 0.669
0.7788086 , 0.76171875], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.530
0.6723633 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.796
0.921875  , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.6035156 , 0.711
0.7910156 , 0.64990234], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24365234,
0.44970703, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
0.22460938, 0.96972656], dtype=float32), array([0.          , 1.          , 0.99560547, 0.668
0.7792969 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.530
0.6723633 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
0.9213867 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.75634766, 0.925
0.9980469 , 0.5678711 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24438477,
0.44921875, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22875977, 0.9682617 ], dtype=float32), array([0.          , 1.          , 0.99560547, 0.669
0.77783203, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.530
0.671875  , 0.80566406], dtype=float32), array([0.          , 1.          , 0.95410156, 0.797
0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.6982422 , 0.928
0.9995117 , 0.56689453], dtype=float32), array([0.          , 1.          , 0.640625 , 0.716308
0.6455078], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24511719,
        0.44970703, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.046
        0.22802734, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.668
        0.7783203 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.529
        0.6713867 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.797
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.7080078 , 0.924
        0.99902344, 0.56396484], dtype=float32), array([0.          , 1.          , 0.68066406, 0.719
        0.79052734, 0.6357422 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24511719,
        0.44970703, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22351074, 0.95703125], dtype=float32), array([0.          , 1.          , 0.99560547, 0.531
        0.67285156, 0.80566406], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.668
        0.7783203 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.798
        0.9213867 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.6245117 , 0.716
        0.7890625 , 0.6376953 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24414062,
        0.44970703, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22338867, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.530
        0.67578125, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.77978516, 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.797
        0.921875  , 0.6748047 ], dtype=float32)]
```

Total People in frame = 5

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.24414062,
        0.44970703, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22314453, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.522
        0.6748047 , 0.80810547], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.78027344, 0.76953125], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.798
        0.9213867 , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.68066406, 0.900
        0.9536133 , 0.53027344], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24389648,
        0.44970703, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22265625, 0.95410156], dtype=float32), array([0.          , 1.          , 0.99609375, 0.525
        0.67333984, 0.80566406], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.78027344, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.797
        0.9213867 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.7944336 , 0.901
        0.95458984, 0.5288086 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30981445, 0.24389648,
        0.44995117, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.052
        0.22229004, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.99609375, 0.530
        0.6738281 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.668
        0.77978516, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.797
        0.9213867 , 0.67285156], dtype=float32), array([0.          , 1.          , 0.80078125, 0.902
        0.9589844 , 0.5366211 ], dtype=float32), array([0.          , 1.          , 0.63720703, 0.718
        0.7915039 , 0.63964844], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30981445, 0.24365234,
        0.44995117, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.053
        0.22216797, 0.95214844], dtype=float32), array([0.          , 1.          , 0.99560547, 0.527
        0.67333984, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.667
        0.78027344, 0.76464844], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796875
        0.6748047], dtype=float32), array([0.          , 1.          , 0.7998047 , 0.90185547, 0.2478
        0.9584961 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.64501953, 0.717
        0.7919922 , 0.640625  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.2434082 ,
        0.4501953 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.053
        0.22216797, 0.9555664 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.526
        0.6743164 , 0.80566406], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.667
        0.7792969 , 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9482422 , 0.796
        0.92089844, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.8017578 , 0.901
        0.9584961 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.64746094, 0.717
        0.7910156 , 0.6430664 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.2434082 ,
        0.4506836 , 0.86816406], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.052
        0.22265625, 0.9555664 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.519
        0.6748047 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.667
        0.7783203 , 0.76220703], dtype=float32), array([0.          , 1.          , 0.9511719 , 0.797
        0.9213867 , 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.7451172 , 0.901
        0.95703125, 0.53515625], dtype=float32), array([0.          , 1.          , 0.6904297 , 0.718
        0.79052734, 0.6411133 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31054688, 0.24389648,
        0.4501953 , 0.86816406], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.515
        0.67333984, 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22290039, 0.95458984], dtype=float32), array([0.          , 1.          , 0.99121094, 0.667
        0.7783203 , 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.94921875, 0.798
        0.9213867 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.76660156, 0.901
        0.95751953, 0.53515625], dtype=float32), array([0.          , 1.          , 0.6567383 , 0.718
        0.79052734, 0.6411133 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31030273, 0.2434082 ,
        0.45092773, 0.86816406], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.2232666 , 0.95410156], dtype=float32), array([0.          , 1.          , 0.99658203, 0.513
        0.6694336 , 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.667
        0.7788086 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.797
        0.9213867 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.7128906 , 0.901
        0.9584961 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.6533203 , 0.718
        0.7910156 , 0.6430664 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.2434082 ,
        0.45117188, 0.8691406 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22338867, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.506
        0.6694336 , 0.81933594], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.668
        0.7788086 , 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.9511719 , 0.797
        0.9213867 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.69921875, 0.719
```

```

    0.7915039 , 0.640625 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3100586 , 0.24365234,
        0.45166016, 0.8696289 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22827148, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.505
        0.67089844, 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.7792969 , 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9633789 , 0.797
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.79003906, 0.902
        0.9550781 , 0.53027344], dtype=float32), array([0.          , 1.          , 0.6748047 , 0.720
        0.7919922 , 0.6411133 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30981445, 0.24365234,
        0.4519043 , 0.8666992 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
        0.22827148, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.504
        0.6713867 , 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.667
        0.7783203 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.797
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.80029297, 0.901
        0.95458984, 0.5307617 ], dtype=float32), array([0.          , 1.          , 0.68066406, 0.720
        0.7919922 , 0.6376953 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.24414062,
        0.45166016, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22827148, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.506
        0.6748047 , 0.81396484], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.7792969 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.96240234, 0.797
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.7832031 , 0.901
        0.95410156, 0.5283203 ], dtype=float32), array([0.          , 1.          , 0.69628906, 0.741
        0.8027344 , 0.60058594], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.30981445, 0.24438477,
        0.45239258, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22839355, 0.96484375], dtype=float32), array([0.          , 1.          , 0.99658203, 0.505

```

```

0.67529297, 0.8154297 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
0.78027344, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.793
0.92089844, 0.67529297], dtype=float32), array([0.          , 1.          , 0.71875   , 0.901
0.95458984, 0.52685547], dtype=float32), array([0.          , 1.          , 0.66748047, 0.740
0.8041992 , 0.5991211 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31054688, 0.24389648,
0.45214844, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.045
0.22827148, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.504
0.67529297, 0.81396484], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
0.78027344, 0.76660156], dtype=float32), array([0.          , 1.          , 0.95458984, 0.793
0.92089844, 0.67578125], dtype=float32), array([0.          , 1.          , 0.68066406, 0.740
0.80371094, 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.6791992 , 0.901
0.95654297, 0.53125   ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31079102, 0.24316406,
0.45239258, 0.8691406 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.22338867, 0.9589844 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.508
0.67822266, 0.81347656], dtype=float32), array([0.          , 1.          , 0.99121094, 0.666
0.78027344, 0.76708984], dtype=float32), array([0.          , 1.          , 0.9453125 , 0.792
0.92089844, 0.67578125], dtype=float32), array([0.          , 1.          , 0.6816406 , 0.738
0.8027344 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.6699219 , 0.901
0.95751953, 0.5307617 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31054688, 0.24267578,
0.45263672, 0.8647461 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.2232666 , 0.95996094], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.514
0.6796875 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.667
0.7807617 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.94433594, 0.793
0.9213867 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.7011719 , 0.737
0.80322266, 0.59814453], dtype=float32), array([0.          , 1.          , 0.68847656, 0.902
0.9580078 , 0.53125   ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```



Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31201172, 0.25463867,
        0.45263672, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.514
        0.68066406, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22314453, 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.667
        0.7817383 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.9404297 , 0.792
        0.9213867 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.6826172 , 0.720
        0.7949219 , 0.63720703], dtype=float32), array([0.          , 1.          , 0.67626953, 0.903
        0.9589844 , 0.53271484], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31298828, 0.25512695,
        0.45166016, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22338867, 0.96435547], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.514
        0.68115234, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.669
        0.7836914 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.94433594, 0.791
        0.92089844, 0.67529297], dtype=float32), array([0.          , 1.          , 0.7578125 , 0.737
        0.80371094, 0.59765625], dtype=float32), array([0.          , 1.          , 0.70410156, 0.904
        0.95996094, 0.5317383 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.31347656, 0.2536621 ,
        0.45166016, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22827148, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.513
        0.68115234, 0.81152344], dtype=float32), array([0.          , 1.          , 0.99072266, 0.669
        0.7841797 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.94433594, 0.792
        0.9199219 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.7480469 , 0.736
        0.80322266, 0.5996094 ], dtype=float32), array([0.          , 1.          , 0.6660156 , 0.903
        0.95947266, 0.53515625], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.04376221, 0.2631836 ,
        0.2277832 , 0.9614258 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.314
        0.4506836 , 0.8676758 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.509
        0.6816406 , 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.668
        0.78515625, 0.76904297], dtype=float32), array([0.          , 1.          , 0.953125 , 0.794
        0.9199219 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.75878906, 0.739
        0.8046875 , 0.5961914 ], dtype=float32), array([0.          , 1.          , 0.6816406 , 0.903
        0.95947266, 0.5341797 ], dtype=float32)]
```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31567383, 0.25439453,
        0.45043945, 0.86572266], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22509766, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.510
        0.68115234, 0.81152344], dtype=float32), array([0.          , 1.          , 0.99072266, 0.668
        0.78466797, 0.76953125], dtype=float32), array([0.          , 1.          , 0.95703125, 0.796
        0.9199219 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.70947266, 0.741
        0.8046875 , 0.5991211 ], dtype=float32), array([0.          , 1.          , 0.6386719 , 0.902
        0.95947266, 0.5361328 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31689453, 0.2541504 ,
        0.44970703, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22509766, 0.96875   ], dtype=float32), array([0.          , 1.          , 0.9970703, 0.508300
        0.8144531], dtype=float32), array([0.          , 1.          , 0.99121094, 0.66845703, 0.2458
        0.78564453, 0.76953125], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.796
        0.9199219 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.6972656 , 0.903
        0.95947266, 0.5341797 ], dtype=float32), array([0.          , 1.          , 0.67626953, 0.744
        0.8041992 , 0.59716797], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31591797, 0.2553711 ,
        0.4501953 , 0.8666992 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22851562, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.508
        0.67871094, 0.8125   ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.667
        0.7861328 , 0.77246094], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.9199219 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.6689453 , 0.903
        0.9589844 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.6142578 , 0.740
        0.8027344 , 0.5961914 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3161621 , 0.25561523,
        0.44995117, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22521973, 0.96972656], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.508
        0.6767578 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.99316406, 0.668

```

```

        0.78759766, 0.7734375 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.795
        0.9199219 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.7265625 , 0.745
        0.8046875 , 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.67578125, 0.902
        0.95947266, 0.5341797 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31640625, 0.25512695,
        0.4501953 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22851562, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.505
        0.67529297, 0.8125      ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.7885742 , 0.77441406], dtype=float32), array([0.          , 1.          , 0.94873047, 0.794
        0.92041016, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.62597656, 0.902
        0.9604492 , 0.5361328 ], dtype=float32), array([0.          , 1.          , 0.61621094, 0.743
        0.80615234, 0.5883789 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31933594, 0.2536621 ,
        0.44970703, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22839355, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.501
        0.6723633 , 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.7890625 , 0.7739258 ], dtype=float32), array([0.          , 1.          , 0.9428711 , 0.792
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.6303711 , 0.901
        0.95947266, 0.53222656], dtype=float32), array([0.          , 1.          , 0.60839844, 0.629
        0.6464844 , 0.30029297], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.32006836, 0.25390625,
        0.44995117, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22814941, 0.96728516], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.501
        0.67089844, 0.81591797], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.7871094 , 0.77246094], dtype=float32), array([0.          , 1.          , 0.94384766, 0.793
        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.6503906 , 0.746
        0.80371094, 0.5878906 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.50341797, 0.21606445,

```

```

0.67041016, 0.8173828 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.318
0.44970703, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22802734, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.664
0.78564453, 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.94921875, 0.793
0.92089844, 0.67578125], dtype=float32), array([0.          , 1.          , 0.6845703 , 0.745
0.8027344 , 0.59472656], dtype=float32), array([0.          , 1.          , 0.6166992 , 0.629
0.6464844 , 0.3010254 ], dtype=float32), array([0.          , 1.          , 0.60839844, 0.902
0.95996094, 0.53222656], dtype=float32), array([0.          , 1.          , 0.60498047, 0.919
0.98828125, 0.5571289 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.32080078, 0.25585938,
0.44921875, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22802734, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.498
0.67041016, 0.81152344], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.665
0.78466797, 0.76953125], dtype=float32), array([0.          , 1.          , 0.94628906, 0.793
0.92041016, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.84033203, 0.746
0.8051758 , 0.5961914 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31835938, 0.25585938,
0.4506836 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.505
0.67089844, 0.81347656], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22814941, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
0.78564453, 0.7705078 ], dtype=float32), array([0.          , 1.          , 0.94677734, 0.792
0.92041016, 0.67578125], dtype=float32), array([0.          , 1.          , 0.8671875 , 0.748
0.8066406 , 0.59228516], dtype=float32), array([0.          , 1.          , 0.6665039 , 0.629
0.6459961 , 0.30126953], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31884766, 0.25390625,
0.4501953 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.509
0.671875 , 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22802734, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.665
0.78466797, 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.793
0.9199219 , 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.91552734, 0.75
0.8095703 , 0.58984375], dtype=float32), array([0.          , 1.          , 0.61621094, 0.629
0.6464844 , 0.30126953], dtype=float32)]
Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31884766, 0.25390625,
        0.45117188, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.514
        0.6713867 , 0.81640625], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22851562, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.665
        0.7841797 , 0.77246094], dtype=float32), array([0.          , 1.          , 0.9584961, 0.796386
        0.6748047], dtype=float32), array([0.          , 1.          , 0.8935547 , 0.74853516, 0.2348
        0.81103516, 0.59472656], dtype=float32), array([0.          , 1.          , 0.65722656, 0.629
        0.6455078 , 0.30126953], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31958008, 0.25170898,
        0.45239258, 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.99853516, 0.523
        0.67285156, 0.8144531 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22814941, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99121094, 0.664
        0.7832031 , 0.77246094], dtype=float32), array([0.          , 1.          , 0.96533203, 0.798
        0.9194336 , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.9145508 , 0.751
        0.8100586 , 0.58984375], dtype=float32), array([0.          , 1.          , 0.66015625, 0.629
        0.6455078 , 0.30078125], dtype=float32), array([0.          , 1.          , 0.6455078 , 0.915
        0.9921875 , 0.5576172 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.32006836, 0.25268555,
        0.4519043 , 0.8564453 ], dtype=float32), array([0.          , 1.          , 0.99853516, 0.527
        0.67285156, 0.81103516], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22814941, 0.96484375], dtype=float32), array([0.          , 1.          , 0.99072266, 0.664
        0.7832031 , 0.77197266], dtype=float32), array([0.          , 1.          , 0.96533203, 0.798
        0.9194336 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.9111328 , 0.751
        0.80908203, 0.5908203 ], dtype=float32), array([0.          , 1.          , 0.7080078 , 0.915
        0.9916992 , 0.55859375], dtype=float32), array([0.          , 1.          , 0.70703125, 0.628
        0.6455078 , 0.3010254 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.32055664, 0.25317383,
        0.4519043 , 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.532
        0.671875 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
```

```

0.22827148, 0.96533203], dtype=float32), array([0.          , 1.          , 0.99121094, 0.663
0.78271484, 0.7729492 ], dtype=float32), array([0.          , 1.          , 0.9667969, 0.799804
0.6738281], dtype=float32), array([0.          , 1.          , 0.90283203, 0.7475586 , 0.2365
0.8100586 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.77001953, 0.914
0.99365234, 0.55908203], dtype=float32), array([0.          , 1.          , 0.6484375 , 0.629
0.6455078 , 0.30029297], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31591797, 0.25439453,
0.45263672, 0.8598633 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22802734, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
0.67285156, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9897461, 0.663574
0.7729492], dtype=float32), array([0.          , 1.          , 0.9682617 , 0.7988281 , 0.2553
0.9199219 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.8984375 , 0.748
0.8100586 , 0.59765625], dtype=float32), array([0.          , 1.          , 0.7626953 , 0.916
0.9926758 , 0.55859375], dtype=float32), array([0.          , 1.          , 0.6713867 , 0.629
0.64501953, 0.30151367], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31152344, 0.24316406,
0.4506836 , 0.859375 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.043
0.22436523, 0.96728516], dtype=float32), array([0.          , 1.          , 0.99658203, 0.535
0.67285156, 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.664
0.7817383 , 0.7709961 ], dtype=float32), array([0.          , 1.          , 0.96484375, 0.798
0.9199219 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.9057617 , 0.745
0.80859375, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.66015625, 0.916
0.9902344 , 0.55859375], dtype=float32), array([0.          , 1.          , 0.6503906, 0.629882
0.3005371], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31054688, 0.24365234,
0.44921875, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22802734, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.535
0.67333984, 0.81152344], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.665
0.78125 , 0.76953125], dtype=float32), array([0.          , 1.          , 0.9658203 , 0.798
0.92041016, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8925781 , 0.744
0.8076172 , 0.60058594], dtype=float32), array([0.          , 1.          , 0.6669922 , 0.917
0.99072266, 0.5576172 ], dtype=float32), array([0.          , 1.          , 0.65625 , 0.629
0.64501953, 0.3010254 ], dtype=float32), array([0.          , 1.          , 0.6279297 , 0.900

```

```

    0.95996094, 0.5332031 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31030273, 0.24438477,
        0.44799805, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22485352, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.535
        0.67285156, 0.8120117 ], dtype=float32), array([0.          , 1.          , 0.9902344 , 0.665
        0.78027344, 0.76953125], dtype=float32), array([0.          , 1.          , 0.9628906 , 0.798
        0.92041016, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8691406 , 0.742
        0.80615234, 0.60009766], dtype=float32), array([0.          , 1.          , 0.6533203 , 0.900
        0.95947266, 0.5332031 ], dtype=float32), array([0.          , 1.          , 0.63916016, 0.629
        0.6455078 , 0.3010254 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31079102, 0.2446289 ,
        0.44750977, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.2277832 , 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
        0.67333984, 0.8129883 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.665
        0.77978516, 0.77001953], dtype=float32), array([0.          , 1.          , 0.96191406, 0.797
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.88720703, 0.742
        0.80615234, 0.59716797], dtype=float32), array([0.          , 1.          , 0.6904297 , 0.901367
        0.5332031], dtype=float32), array([0.          , 1.          , 0.68359375, 0.62939453, 0.2326
        0.64501953, 0.30151367], dtype=float32), array([0.          , 1.          , 0.66503906, 0.936
        0.98095703, 0.37304688], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24511719,
        0.44726562, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.534
        0.67333984, 0.8125     ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.2277832 , 0.96777344], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.664
        0.77978516, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95996094, 0.797
        0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.87646484, 0.740
        0.80566406, 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.73046875, 0.901
        0.9584961 , 0.53222656], dtype=float32), array([0.          , 1.          , 0.68359375, 0.629
        0.6455078 , 0.30151367], dtype=float32), array([0.          , 1.          , 0.65234375, 0.935
        0.9814453 , 0.37231445], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1

```

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.24389648,
        0.4465332 , 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.2277832 , 0.96777344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
        0.6738281 , 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.665
        0.7792969 , 0.76708984], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.798
        0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.8515625 , 0.739
        0.8046875 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.7861328 , 0.902
        0.9580078 , 0.53027344], dtype=float32), array([0.          , 1.          , 0.70703125, 0.936
        0.98095703, 0.37402344], dtype=float32), array([0.          , 1.          , 0.6586914 , 0.629
        0.6455078 , 0.30151367], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31152344, 0.24414062,
        0.44628906, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22766113, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
        0.6738281 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.99121094, 0.665
        0.7788086 , 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.95947266, 0.797
        0.92041016, 0.671875  ], dtype=float32), array([0.          , 1.          , 0.8359375 , 0.740
        0.8046875 , 0.5966797 ], dtype=float32), array([0.          , 1.          , 0.79052734, 0.901
        0.9580078 , 0.53125  ], dtype=float32), array([0.          , 1.          , 0.67041016, 0.936
        0.9814453 , 0.3720703 ], dtype=float32), array([0.          , 1.          , 0.6166992 , 0.630
        0.6459961 , 0.30126953], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31152344, 0.24365234,
        0.44580078, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.2277832 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.534
        0.67285156, 0.80859375], dtype=float32), array([0.          , 1.          , 0.99072266, 0.666
        0.7792969 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.797
        0.92041016, 0.67333984], dtype=float32), array([0.          , 1.          , 0.82128906, 0.902
        0.9580078 , 0.53027344], dtype=float32), array([0.          , 1.          , 0.80029297, 0.738
        0.8041992 , 0.5986328 ], dtype=float32), array([0.          , 1.          , 0.6953125 , 0.936
        0.9819336 , 0.3737793 ], dtype=float32), array([0.          , 1.          , 0.60839844, 0.629
        0.6464844 , 0.30126953], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24316406,
```



```

0.44628906, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22790527, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.533
0.6723633 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.99072266, 0.666
0.7792969 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.796
0.92041016, 0.671875  ], dtype=float32), array([0.          , 1.          , 0.8017578 , 0.737
0.8027344 , 0.59765625], dtype=float32), array([0.          , 1.          , 0.80029297, 0.900
0.95751953, 0.5317383 ], dtype=float32), array([0.          , 1.          , 0.6743164 , 0.936
0.9814453 , 0.3725586 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.24414062,
0.4465332 , 0.85839844], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
0.22753906, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.533
0.6723633 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.99121094, 0.665
0.7788086 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.95947266, 0.798
0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.8120117 , 0.901
0.9555664 , 0.52734375], dtype=float32), array([0.          , 1.          , 0.78271484, 0.737
0.80322266, 0.59765625], dtype=float32), array([0.          , 1.          , 0.6533203 , 0.935
0.9814453 , 0.37475586], dtype=float32), array([0.          , 1.          , 0.6166992 , 0.630
0.6459961 , 0.30151367], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24389648,
0.44628906, 0.8574219 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
0.22766113, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.533203
0.8100586], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.66552734, 0.2351
0.77783203, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9511719 , 0.796
0.9199219 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.78027344, 0.900
0.9550781 , 0.52783203], dtype=float32), array([0.          , 1.          , 0.7050781 , 0.935
0.9814453 , 0.37353516], dtype=float32), array([0.          , 1.          , 0.6953125 , 0.735
0.80126953, 0.60058594], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31079102, 0.24365234,
0.4465332 , 0.8588867 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.042
0.22436523, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.533
0.671875 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
0.77734375, 0.7680664 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.797
0.9199219 , 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.79003906, 0.901

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        0.95410156, 0.52734375], dtype=float32), array([0.          , 1.          , 0.70703125, 0.719
        0.79296875, 0.6401367 ], dtype=float32), array([0.          , 1.          , 0.65722656, 0.935
        0.9814453 , 0.37475586], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24414062,
        0.44677734, 0.859375  ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.22753906, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.530
        0.671875  , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.77734375, 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.796875
        0.671875 ], dtype=float32), array([0.          , 1.          , 0.81347656, 0.9003906 , 0.2539
        0.95410156, 0.52734375], dtype=float32), array([0.          , 1.          , 0.70703125, 0.720
        0.79345703, 0.63964844], dtype=float32), array([0.          , 1.          , 0.7036133 , 0.935
        0.9814453 , 0.37451172], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24365234,
        0.44628906, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.042
        0.22460938, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.530
        0.67285156, 0.81103516], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.77734375, 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
        0.9199219 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.77001953, 0.901
        0.95410156, 0.5263672 ], dtype=float32), array([0.          , 1.          , 0.69628906, 0.735
        0.80078125, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.68066406, 0.935
        0.98095703, 0.37548828], dtype=float32), array([0.          , 1.          , 0.63916016, 0.629
        0.6455078 , 0.3017578 ], dtype=float32), array([0.          , 1.          , 0.61083984, 0.955
        0.99902344, 0.57421875], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24365234,
        0.44628906, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.042
        0.22509766, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.530
        0.67333984, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
        0.77685547, 0.76904297], dtype=float32), array([0.          , 1.          , 0.95166016, 0.796
        0.9194336 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.765625  , 0.900
        0.953125  , 0.52734375], dtype=float32), array([0.          , 1.          , 0.6899414 , 0.721
        0.79345703, 0.6376953 ], dtype=float32), array([0.          , 1.          , 0.68359375, 0.935
        0.9814453 , 0.37451172], dtype=float32), array([0.          , 1.          , 0.6430664 , 0.630
        0.6459961 , 0.30126953], dtype=float32), array([0.          , 1.          , 0.6152344 , 0.955

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    0.99902344, 0.57421875], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24267578,
        0.4453125 , 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.530
        0.6748047 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.042
        0.22473145, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.665
        0.77685547, 0.76708984], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.797
        0.9199219 , 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.7758789 , 0.901
        0.95410156, 0.52685547], dtype=float32), array([0.          , 1.          , 0.7246094 , 0.721
        0.79345703, 0.63720703], dtype=float32), array([0.          , 1.          , 0.68359375, 0.629
        0.6455078 , 0.3010254 ], dtype=float32), array([0.          , 1.          , 0.67578125, 0.934
        0.9814453 , 0.37597656], dtype=float32), array([0.          , 1.          , 0.62353516, 0.955
        0.99902344, 0.57421875], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24243164,
        0.44433594, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.529
        0.67578125, 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.044
        0.22790527, 0.9633789 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.665
        0.7763672 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.94970703, 0.795
        0.9199219 , 0.67089844], dtype=float32), array([0.          , 1.          , 0.74121094, 0.900
        0.9536133 , 0.52734375], dtype=float32), array([0.          , 1.          , 0.71484375, 0.718
        0.7919922 , 0.6435547 ], dtype=float32), array([0.          , 1.          , 0.66503906, 0.629
        0.6455078 , 0.30029297], dtype=float32), array([0.          , 1.          , 0.6123047 , 0.935
        0.9819336 , 0.375      ], dtype=float32), array([0.          , 1.          , 0.60302734, 0.955
        0.99902344, 0.57421875], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24291992,
        0.44482422, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.528
        0.6748047 , 0.81103516], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.046
        0.22802734, 0.9628906 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.77685547, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.9199219 , 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.7651367 , 0.901
        0.95458984, 0.52685547], dtype=float32), array([0.          , 1.          , 0.70947266, 0.719
        0.79296875, 0.6425781 ], dtype=float32), array([0.          , 1.          , 0.7055664 , 0.629
        0.64501953, 0.30078125], dtype=float32), array([0.          , 1.          , 0.63964844, 0.956
        0.9995117 , 0.57470703], dtype=float32)]

```

```

Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.24414062,
        0.44506836, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.527
        0.6743164 , 0.81152344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22351074, 0.95458984], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
        0.77734375, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.95214844, 0.795
        0.9199219 , 0.671875  ], dtype=float32), array([0.          , 1.          , 0.7470703 , 0.902
        0.9550781 , 0.5283203 ], dtype=float32), array([0.          , 1.          , 0.64453125, 0.629
        0.6455078 , 0.30004883], dtype=float32), array([0.          , 1.          , 0.6411133 , 0.717
        0.79296875, 0.6489258 ], dtype=float32), array([0.          , 1.          , 0.6142578 , 0.956
        0.9995117 , 0.57714844], dtype=float32)]

Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.2446289 ,
        0.44555664, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.526
        0.67333984, 0.81152344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22692871, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.7758789 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.795
        0.9199219 , 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.70996094, 0.901
        0.9550781 , 0.5283203 ], dtype=float32), array([0.          , 1.          , 0.64990234, 0.718
        0.79248047, 0.6503906 ], dtype=float32), array([0.          , 1.          , 0.640625  , 0.630
        0.6459961 , 0.3005371 ], dtype=float32)]

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.2446289 ,
        0.44555664, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.525
        0.67333984, 0.8105469 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.050
        0.22290039, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.667
        0.7758789 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.95410156, 0.795
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.6713867 , 0.900
        0.95458984, 0.5307617 ], dtype=float32), array([0.          , 1.          , 0.6298828 , 0.629
        0.6455078 , 0.2998047 ], dtype=float32), array([0.          , 1.          , 0.62353516, 0.718
        0.79345703, 0.65234375], dtype=float32)]

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.3112793 , 0.24560547,
        0.44604492, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9980469, 0.526367
        0.8076172], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.05181885, 0.2678
        0.22265625, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.7758789 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.95458984, 0.796
        0.92089844, 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.6230469 , 0.900
        0.95458984, 0.53125  ], dtype=float32), array([0.          , 1.          , 0.6191406 , 0.717
        0.79296875, 0.65478516], dtype=float32), array([0.          , 1.          , 0.61035156, 0.629
        0.6455078 , 0.30004883], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24487305,
        0.44677734, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469, 0.525878
        0.8076172], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.05316162, 0.2675
        0.22216797, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.7753906 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.62353516, 0.716
        0.7919922 , 0.65234375], dtype=float32), array([0.          , 1.          , 0.6196289 , 0.629
        0.6455078 , 0.30004883], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.24438477,
        0.44628906, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.527
        0.6738281 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.054
        0.22216797, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.668
        0.77490234, 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.6689453 , 0.739
        0.8027344 , 0.60498047], dtype=float32), array([0.          , 1.          , 0.61572266, 0.630
        0.6459961 , 0.30029297], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.31103516, 0.2434082 ,
        0.44726562, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.526
        0.6738281 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.055
        0.22216797, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.77441406, 0.76464844], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.7050781 , 0.739
        0.8027344 , 0.6044922 ], dtype=float32), array([0.          , 1.          , 0.60253906, 0.630
        0.6459961 , 0.30004883], dtype=float32)]
```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31176758, 0.2421875 ,
        0.44702148, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.528
        0.67285156, 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.055
        0.22229004, 0.9560547 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.7753906 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9584961 , 0.797
        0.92041016, 0.67285156], dtype=float32), array([0.          , 1.          , 0.76953125, 0.740
        0.8041992 , 0.6044922 ], dtype=float32), array([0.          , 1.          , 0.61035156, 0.630
        0.6459961 , 0.30004883], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31201172, 0.24072266,
        0.4477539 , 0.86279297], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.529
        0.67285156, 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.053
        0.22192383, 0.95410156], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.77490234, 0.76464844], dtype=float32), array([0.          , 1.          , 0.95703125, 0.796
        0.9199219 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.8066406 , 0.742
        0.8066406 , 0.6035156 ], dtype=float32), array([0.          , 1.          , 0.6015625 , 0.630
        0.6459961 , 0.30029297], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31201172, 0.23999023,
        0.44677734, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.529
        0.6723633 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.053
        0.22167969, 0.953125  ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.77441406, 0.76123047], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.796
        0.92089844, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.80322266, 0.743
        0.80810547, 0.60253906], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31152344, 0.23828125,
        0.44726562, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.531
        0.671875  , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.052
        0.22180176, 0.9526367 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.77490234, 0.7607422 ], dtype=float32), array([0.          , 1.          , 0.95751953, 0.796

```

```

        0.92041016, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8027344 , 0.745
        0.8100586 , 0.60253906], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31079102, 0.23754883,
        0.4465332 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.531
        0.6713867 , 0.80908203], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.051
        0.22155762, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.77490234, 0.7597656 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
        0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.78515625, 0.745
        0.81103516, 0.60302734], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31152344, 0.23730469,
        0.44628906, 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
        0.67089844, 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22155762, 0.95214844], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666015
        0.7607422], dtype=float32), array([0.          , 1.          , 0.9580078 , 0.796875 , 0.2548
        0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.8408203 , 0.745
        0.8105469 , 0.60058594], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.31152344, 0.23779297,
        0.44628906, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.534
        0.6713867 , 0.8095703 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.051
        0.22143555, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7753906 , 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.795
        0.9213867 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.8881836 , 0.744
        0.80908203, 0.5961914 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.3112793 , 0.23754883,
        0.44555664, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.535
        0.671875 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.2211914 , 0.9506836 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7753906 , 0.76171875], dtype=float32), array([0.          , 1.          , 0.95751953, 0.794

```

```

        0.92089844, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.89990234, 0.745
        0.8105469 , 0.5957031 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.31176758, 0.23779297,
        0.44458008, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.536
        0.671875 , 0.80810547], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22143555, 0.9501953 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.665
        0.7758789 , 0.76220703], dtype=float32), array([0.          , 1.          , 0.96533203, 0.796
        0.92089844, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.93652344, 0.747
        0.8129883 , 0.59765625], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32666016, 0.25097656,
        0.44726562, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.533
        0.671875 , 0.8076172 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22143555, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.96435547, 0.796
        0.92089844, 0.6767578 ], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.747
        0.8125      , 0.5986328 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32861328, 0.25146484,
        0.44580078, 0.8588867 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.526
        0.67285156, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22167969, 0.95214844], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.95654297, 0.793
        0.92089844, 0.6772461 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.747
        0.8125      , 0.59814453], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32885742, 0.2524414 ,
        0.44506836, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.671875 , 0.8071289 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22180176, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.96435547, 0.747

```



```

        0.8144531 , 0.60058594], dtype=float32), array([0.          , 1.          , 0.95166016, 0.791
        0.921875  , 0.67871094], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32861328, 0.25195312,
        0.44482422, 0.8623047 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.049
        0.22192383, 0.95214844], dtype=float32), array([0.          , 1.          , 0.99658203, 0.534
        0.67089844, 0.80859375], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.746
        0.81591797, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.94433594, 0.791
        0.92285156, 0.67871094], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32836914, 0.25195312,
        0.44506836, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22216797, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.532
        0.671875  , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666992
        0.7626953], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.74658203, 0.2343
        0.81591797, 0.6020508 ], dtype=float32), array([0.          , 1.          , 0.9316406 , 0.789062
        0.6791992], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.32788086, 0.25048828,
        0.44604492, 0.8618164 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22705078, 0.96435547], dtype=float32), array([0.          , 1.          , 0.99658203, 0.533
        0.671875  , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7763672 , 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.94921875, 0.747
        0.81640625, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.92871094, 0.789
        0.9238281 , 0.68115234], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.328125  , 0.24975586,
        0.44677734, 0.859375  ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.043
        0.2241211 , 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.53125
        0.8046875], dtype=float32), array([0.          , 1.          , 0.99365234, 0.66748047, 0.2370
        0.77685547, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.95996094, 0.747

```

```

        0.81640625, 0.6020508 ], dtype=float32), array([0.          , 1.          , 0.9321289 , 0.790
        0.9238281 , 0.6791992 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.32861328, 0.25          ,
        0.44677734, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.043
        0.2277832 , 0.96484375], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.529
        0.6723633 , 0.8041992 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.77734375, 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9633789 , 0.746
        0.81640625, 0.60253906], dtype=float32), array([0.          , 1.          , 0.9316406 , 0.790
        0.9238281 , 0.6796875 ], dtype=float32), array([0.          , 1.          , 0.6074219 , 0.901
        0.9604492 , 0.5361328 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.32983398, 0.24853516,
        0.44702148, 0.86376953], dtype=float32), array([0.          , 1.          , 0.9980469 , 0.042
        0.22436523, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.527
        0.6713867 , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.77783203, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.95751953, 0.744
        0.81591797, 0.60253906], dtype=float32), array([0.          , 1.          , 0.93652344, 0.791
        0.92333984, 0.67822266], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.32739258, 0.24975586,
        0.44750977, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.044
        0.22399902, 0.9682617 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.531
        0.6713867 , 0.80322266], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.77734375, 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.93847656, 0.792
        0.92285156, 0.67529297], dtype=float32), array([0.          , 1.          , 0.9355469 , 0.743
        0.81396484, 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.61816406, 0.902
        0.9604492 , 0.5341797 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.31201172, 0.23583984,
        0.44482422, 0.8666992 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
        0.22705078, 0.96484375], dtype=float32), array([0.          , 1.          , 0.99609375, 0.531

```

```

0.67089844, 0.8017578 ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.666
0.77783203, 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9375      , 0.744
0.8149414 , 0.60253906], dtype=float32), array([0.          , 1.          , 0.9321289 , 0.791
0.92333984, 0.67529297], dtype=float32), array([0.          , 1.          , 0.69628906, 0.903
0.9604492 , 0.5317383 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.23754883,
0.44482422, 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.045
0.22705078, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99658203, 0.537
0.67089844, 0.8017578 ], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.666
0.77783203, 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9370117 , 0.743
0.8144531 , 0.60058594], dtype=float32), array([0.          , 1.          , 0.92333984, 0.787
0.92333984, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.7392578 , 0.904
0.95996094, 0.53125   ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3083496 , 0.23706055,
0.44458008, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.22692871, 0.96533203], dtype=float32), array([0.          , 1.          , 0.99609375, 0.538
0.671875   , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
0.7783203 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9433594 , 0.744
0.8144531 , 0.60009766], dtype=float32), array([0.          , 1.          , 0.9238281 , 0.787
0.92333984, 0.67822266], dtype=float32), array([0.          , 1.          , 0.7817383 , 0.904
0.9589844 , 0.5253906 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3083496 , 0.23730469,
0.44360352, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.22717285, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.538
0.671875   , 0.8051758 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.666
0.77734375, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.93896484, 0.744
0.8144531 , 0.6010742 ], dtype=float32), array([0.          , 1.          , 0.93310547, 0.789
0.92285156, 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.7363281 , 0.904
0.9580078 , 0.5229492 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30859375, 0.2368164 ,
        0.44335938, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22705078, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.536
        0.6723633 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.77734375, 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.93896484, 0.789
        0.9223633 , 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.9370117 , 0.743
        0.81396484, 0.60302734], dtype=float32), array([0.          , 1.          , 0.73535156, 0.904
        0.95751953, 0.5253906 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30908203, 0.23779297,
        0.4423828 , 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22717285, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.537
        0.6723633 , 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.665
        0.77685547, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.94970703, 0.792
        0.9223633 , 0.6777344 ], dtype=float32), array([0.          , 1.          , 0.9296875 , 0.743
        0.81396484, 0.6020508 ], dtype=float32), array([0.          , 1.          , 0.78808594, 0.903
        0.95751953, 0.5263672 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30981445, 0.23803711,
        0.4416504 , 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22717285, 0.96533203], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.537
        0.67285156, 0.8051758 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.7753906 , 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.95214844, 0.792
        0.92285156, 0.67871094], dtype=float32), array([0.          , 1.          , 0.9277344 , 0.744
        0.8129883 , 0.60009766], dtype=float32), array([0.          , 1.          , 0.7714844 , 0.904
        0.9580078 , 0.5253906 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.23803711,
        0.44140625, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22729492, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.538
        0.67285156, 0.80566406], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.7753906 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9609375 , 0.795
        0.921875 , 0.6772461 ], dtype=float32), array([0.          , 1.          , 0.92333984, 0.745
        0.8105469 , 0.5957031 ], dtype=float32), array([0.          , 1.          , 0.7626953 , 0.904
        0.9580078 , 0.52490234], dtype=float32)]
```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.23803711,
        0.4404297 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22705078, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7753906 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.539
        0.67285156, 0.80371094], dtype=float32), array([0.          , 1.          , 0.96240234, 0.796
        0.9213867 , 0.67626953], dtype=float32), array([0.          , 1.          , 0.90722656, 0.745
        0.8095703 , 0.59472656], dtype=float32), array([0.          , 1.          , 0.7270508 , 0.905
        0.95703125, 0.5263672 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.23852539,
        0.4404297 , 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22192383, 0.9526367 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666015
        0.765625 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.54003906, 0.2272
        0.67285156, 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9614258 , 0.796
        0.921875 , 0.67529297], dtype=float32), array([0.          , 1.          , 0.8901367 , 0.743
        0.8076172 , 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.67822266, 0.905
        0.95703125, 0.5263672 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3100586 , 0.23803711,
        0.44091797, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22692871, 0.96533203], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.665
        0.77490234, 0.76464844], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.541
        0.67285156, 0.8066406 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.795
        0.9223633 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8769531 , 0.742
        0.8071289 , 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.71972656, 0.904
        0.95703125, 0.5258789 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.23706055,
        0.44140625, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22705078, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7753906 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.543

```

```

        0.67285156, 0.80566406], dtype=float32), array([0.          , 1.          , 0.9506836 , 0.794
        0.9223633 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8798828 , 0.743
        0.8076172 , 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.6533203 , 0.904
        0.95703125, 0.5263672 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.23608398,
        0.44140625, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22717285, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.666
        0.7758789 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.542
        0.6723633 , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9511719 , 0.794
        0.921875 , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8730469 , 0.742
        0.8071289 , 0.5913086 ], dtype=float32), array([0.          , 1.          , 0.6279297 , 0.904
        0.95751953, 0.5288086 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.23608398,
        0.44189453, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22192383, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.542
        0.671875 , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.794
        0.92285156, 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.86816406, 0.743
        0.8076172 , 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.63916016, 0.903
        0.9584961 , 0.53027344], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.23608398,
        0.4428711 , 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22192383, 0.9511719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.666
        0.7763672 , 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.542
        0.6723633 , 0.8046875 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.795
        0.9223633 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.86328125, 0.743
        0.8076172 , 0.59228516], dtype=float32), array([0.          , 1.          , 0.6796875 , 0.903
        0.9584961 , 0.5292969 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.3083496 , 0.23632812,
        0.44311523, 0.8652344 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22192383, 0.95214844], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.666
        0.7763672 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.542
        0.67285156, 0.80371094], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.795
        0.92285156, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8730469 , 0.743
        0.80859375, 0.59228516], dtype=float32), array([0.          , 1.          , 0.6904297 , 0.902
        0.96191406, 0.53808594], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30786133, 0.23706055,
        0.44262695, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22729492, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.667
        0.7758789 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.541
        0.671875  , 0.80322266], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.795
        0.921875  , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.86376953, 0.742
        0.80810547, 0.59277344], dtype=float32), array([0.          , 1.          , 0.7729492 , 0.902
        0.9604492 , 0.5332031 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3076172 , 0.23706055,
        0.44335938, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22705078, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.7763672 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.540
        0.6723633 , 0.80371094], dtype=float32), array([0.          , 1.          , 0.95458984, 0.795
        0.921875  , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.8828125 , 0.743
        0.8100586 , 0.59375  ], dtype=float32), array([0.          , 1.          , 0.8261719 , 0.901
        0.9604492 , 0.53222656], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30786133, 0.23706055,
        0.44360352, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22705078, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.538
        0.67285156, 0.80322266], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.7758789 , 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.795
        0.921875  , 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.87402344, 0.743
        0.80908203, 0.59521484], dtype=float32), array([0.          , 1.          , 0.84765625, 0.901
        0.95947266, 0.53222656], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30786133, 0.23632812,
        0.44311523, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22668457, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9951172 , 0.536
        0.6723633 , 0.80371094], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.667
        0.7763672 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9555664 , 0.795
        0.921875 , 0.6748047 ], dtype=float32), array([0.          , 1.          , 0.84375 , 0.743
        0.80859375, 0.59472656], dtype=float32), array([0.          , 1.          , 0.80322266, 0.901
        0.95996094, 0.52978516], dtype=float32), array([0.          , 1.          , 0.6777344 , 0.917
        0.99072266, 0.5571289 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30810547, 0.23706055,
        0.4428711 , 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22705078, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668
        0.77490234, 0.7626953 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.541
        0.67285156, 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.95458984, 0.795
        0.9213867 , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8120117 , 0.742
        0.8066406 , 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.7939453 , 0.902
        0.95996094, 0.53222656], dtype=float32), array([0.          , 1.          , 0.60058594, 0.916
        0.98828125, 0.5566406 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.3083496 , 0.23608398,
        0.44262695, 0.86328125], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22705078, 0.96435547], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.668945
        0.7626953], dtype=float32), array([0.          , 1.          , 0.99316406, 0.5419922 , 0.2128
        0.67285156, 0.80371094], dtype=float32), array([0.          , 1.          , 0.95458984, 0.794
        0.921875 , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.81396484, 0.742
        0.8066406 , 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.7949219 , 0.901
        0.95947266, 0.53271484], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30810547, 0.23730469,
        0.44384766, 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
        0.22729492, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
```



```

0.7753906 , 0.7631836 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.546
0.67285156, 0.8017578 ], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.794
0.921875   , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.83251953, 0.743
0.80810547, 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.7636719 , 0.901
0.95947266, 0.5336914 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.30786133, 0.23730469,
0.4440918 , 0.8642578 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.047
0.22729492, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
0.7753906 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.549
0.6738281 , 0.80078125], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.794
0.921875   , 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.8330078 , 0.743
0.80908203, 0.5913086 ], dtype=float32), array([0.          , 1.          , 0.75097656, 0.901
0.95947266, 0.5341797 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3088379 , 0.23486328,
0.44311523, 0.86865234], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.22753906, 0.96533203], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.7758789 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.545
0.6738281 , 0.7998047 ], dtype=float32), array([0.          , 1.          , 0.9560547 , 0.795
0.92089844, 0.6738281 ], dtype=float32), array([0.          , 1.          , 0.86279297, 0.744
0.8095703 , 0.59228516], dtype=float32), array([0.          , 1.          , 0.65625   , 0.900
0.95947266, 0.53515625], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.30859375, 0.2368164 ,
0.44433594, 0.86279297], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
0.22766113, 0.96484375], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
0.77734375, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.546
0.6748047 , 0.7998047 ], dtype=float32), array([0.          , 1.          , 0.953125  , 0.795
0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.8461914 , 0.742
0.80908203, 0.5942383 ], dtype=float32), array([0.          , 1.          , 0.6933594 , 0.917
0.9916992 , 0.55615234], dtype=float32), array([0.          , 1.          , 0.62841797, 0.900
0.95996094, 0.53515625], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.30932617, 0.23657227,
        0.4440918 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.2277832 , 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.668
        0.77783203, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.543
        0.67529297, 0.80078125], dtype=float32), array([0.          , 1.          , 0.95410156, 0.795
        0.92089844, 0.67333984], dtype=float32), array([0.          , 1.          , 0.8613281 , 0.741
        0.80810547, 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.71240234, 0.919
        0.9941406 , 0.56103516], dtype=float32), array([0.          , 1.          , 0.6826172 , 0.899
        0.95947266, 0.53515625], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.31054688, 0.23510742,
        0.44433594, 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22766113, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.668
        0.77783203, 0.76660156], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.541
        0.6748047 , 0.80078125], dtype=float32), array([0.          , 1.          , 0.9550781 , 0.796
        0.9213867 , 0.67285156], dtype=float32), array([0.          , 1.          , 0.8339844 , 0.741
        0.80810547, 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.796875 , 0.919
        0.99365234, 0.5629883 ], dtype=float32), array([0.          , 1.          , 0.6777344 , 0.900
        0.9614258 , 0.53515625], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.31103516, 0.23364258,
        0.44384766, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.2277832 , 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.667
        0.77783203, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.544
        0.6738281 , 0.7988281 ], dtype=float32), array([0.          , 1.          , 0.95654297, 0.796
        0.92089844, 0.671875 ], dtype=float32), array([0.          , 1.          , 0.8413086 , 0.741
        0.80810547, 0.59277344], dtype=float32), array([0.          , 1.          , 0.73339844, 0.919
        0.99316406, 0.56103516], dtype=float32), array([0.          , 1.          , 0.71484375, 0.901
        0.9609375 , 0.53515625], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.31152344, 0.2331543 ,
        0.44335938, 0.8671875 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
        0.22790527, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.667
        0.77783203, 0.76464844], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.545
```

```

    0.67333984, 0.7998047 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.796
    0.92089844, 0.67089844], dtype=float32), array([0.          , 1.          , 0.796875  , 0.740
    0.8071289 , 0.59277344], dtype=float32), array([0.          , 1.          , 0.7109375, 0.900878
    0.5361328], dtype=float32))
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.31201172, 0.23339844,
    0.4423828 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.046
    0.22814941, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
    0.77783203, 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.98876953, 0.544
    0.6738281 , 0.80078125], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.796
    0.92089844, 0.67041016], dtype=float32), array([0.          , 1.          , 0.7792969 , 0.740
    0.8066406 , 0.5932617 ], dtype=float32), array([0.          , 1.          , 0.7055664 , 0.900
    0.9584961 , 0.5361328 ], dtype=float32))]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.04663086, 0.27075195,
    0.2277832 , 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.311
    0.44189453, 0.8676758 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
    0.77783203, 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.98876953, 0.546
    0.6738281 , 0.80078125], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.796
    0.92089844, 0.67089844], dtype=float32), array([0.          , 1.          , 0.80029297, 0.740
    0.80615234, 0.59375   ], dtype=float32), array([0.          , 1.          , 0.6875   , 0.900878
    0.5361328], dtype=float32))]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975586 , 0.04675293, 0.2697754 ,
    0.22741699, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.310
    0.4416504 , 0.8730469 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
    0.7783203 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.9873047 , 0.546
    0.67333984, 0.8017578 ], dtype=float32), array([0.          , 1.          , 0.95166016, 0.796
    0.92041016, 0.6713867 ], dtype=float32), array([0.          , 1.          , 0.8701172 , 0.742
    0.80908203, 0.5966797 ], dtype=float32), array([0.          , 1.          , 0.67626953, 0.900
    0.9584961 , 0.5361328 ], dtype=float32))]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.9975586 , 0.31079102, 0.23242188,
        0.4416504 , 0.87402344], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22729492, 0.9658203 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.665
        0.7788086 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.98583984, 0.545
        0.6723633 , 0.8022461 ], dtype=float32), array([0.          , 1.          , 0.95410156, 0.796
        0.92089844, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.8676758 , 0.742
        0.80859375, 0.5961914 ], dtype=float32), array([0.          , 1.          , 0.640625  , 0.900
        0.9580078 , 0.5361328 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975586 , 0.31030273, 0.23266602,
        0.4416504 , 0.8730469 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22729492, 0.9663086 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.665
        0.7792969 , 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9873047 , 0.543
        0.671875  , 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.9536133 , 0.796
        0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.8286133 , 0.740
        0.8066406 , 0.59521484], dtype=float32), array([0.          , 1.          , 0.63964844, 0.900
        0.9584961 , 0.53564453], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.30981445, 0.23388672,
        0.4416504 , 0.86572266], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22729492, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.7792969 , 0.76464844], dtype=float32), array([0.          , 1.          , 0.99121094, 0.541
        0.671875  , 0.8022461 ], dtype=float32), array([0.          , 1.          , 0.95947266, 0.796
        0.92089844, 0.6743164 ], dtype=float32), array([0.          , 1.          , 0.83984375, 0.741
        0.8066406 , 0.59472656], dtype=float32), array([0.          , 1.          , 0.6542969 , 0.899
        0.9584961 , 0.5332031 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.234375  ,
        0.4423828 , 0.86621094], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22741699, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.666
        0.7783203 , 0.7636719 ], dtype=float32), array([0.          , 1.          , 0.9897461 , 0.540
        0.6738281 , 0.80078125], dtype=float32), array([0.          , 1.          , 0.95751953, 0.795
        0.92089844, 0.67529297], dtype=float32), array([0.          , 1.          , 0.8671875 , 0.744
        0.8066406 , 0.59375  ], dtype=float32), array([0.          , 1.          , 0.63671875, 0.899
        0.9589844 , 0.5307617 ], dtype=float32), array([0.          , 1.          , 0.62158203, 0.922
        0.9921875 , 0.55566406], dtype=float32)]
```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.30981445, 0.234375 ,
        0.44213867, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22729492, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99316406, 0.667
        0.7783203 , 0.7651367 ], dtype=float32), array([0.          , 1.          , 0.9892578 , 0.540
        0.67333984, 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.9472656 , 0.794
        0.9213867 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8017578 , 0.742
        0.8041992 , 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.67626953, 0.899
        0.95751953, 0.53222656], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.2355957 ,
        0.44335938, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22705078, 0.96728516], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.7783203 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.542
        0.67333984, 0.8017578 ], dtype=float32), array([0.          , 1.          , 0.9448242 , 0.793
        0.9213867 , 0.67626953], dtype=float32), array([0.          , 1.          , 0.77441406, 0.738
        0.8041992 , 0.59472656], dtype=float32), array([0.          , 1.          , 0.71191406, 0.899
        0.95751953, 0.53564453], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.30932617, 0.23608398,
        0.4440918 , 0.86035156], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22705078, 0.96777344], dtype=float32), array([0.          , 1.          , 0.9941406 , 0.667
        0.7788086 , 0.7685547 ], dtype=float32), array([0.          , 1.          , 0.99121094, 0.537
        0.6738281 , 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.92578125, 0.788
        0.921875 , 0.6772461 ], dtype=float32), array([0.          , 1.          , 0.7871094 , 0.743
        0.80615234, 0.58740234], dtype=float32), array([0.          , 1.          , 0.70751953, 0.900
        0.9584961 , 0.5366211 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.23657227,
        0.44433594, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.048
        0.22705078, 0.9667969 ], dtype=float32), array([0.          , 1.          , 0.99365234, 0.666
        0.78027344, 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.99121094, 0.534

```

```

        0.67333984, 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.91308594, 0.780
        0.91748047, 0.66845703], dtype=float32), array([0.          , 1.          , 0.83496094, 0.743
        0.8076172 , 0.5878906 ], dtype=float32), array([0.          , 1.          , 0.69140625, 0.900
        0.9584961 , 0.5371094 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.2368164 ,
        0.44482422, 0.86083984], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.049
        0.22167969, 0.9550781 ], dtype=float32), array([0.          , 1.          , 0.9926758 , 0.665
        0.7807617 , 0.7675781 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.535
        0.6738281 , 0.80371094], dtype=float32), array([0.          , 1.          , 0.9213867 , 0.779
        0.91748047, 0.6689453 ], dtype=float32), array([0.          , 1.          , 0.82421875, 0.740
        0.80859375, 0.5917969 ], dtype=float32), array([0.          , 1.          , 0.7109375, 0.901367
        0.5371094], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980469 , 0.3095703 , 0.23632812,
        0.44433594, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22192383, 0.95654297], dtype=float32), array([0.          , 1.          , 0.99316406, 0.532
        0.6738281 , 0.80322266], dtype=float32), array([0.          , 1.          , 0.9916992 , 0.666
        0.78222656, 0.765625  ], dtype=float32), array([0.          , 1.          , 0.9243164 , 0.787
        0.9213867 , 0.67578125], dtype=float32), array([0.          , 1.          , 0.8286133 , 0.739
        0.80859375, 0.59521484], dtype=float32), array([0.          , 1.          , 0.71191406, 0.901
        0.9589844 , 0.5371094 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.23632812,
        0.44433594, 0.86035156], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22216797, 0.95703125], dtype=float32), array([0.          , 1.          , 0.9946289 , 0.530
        0.67285156, 0.8027344 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.78125   , 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9326172, 0.791015
        0.6748047], dtype=float32), array([0.          , 1.          , 0.7651367 , 0.73828125, 0.2467
        0.80566406, 0.59716797], dtype=float32), array([0.          , 1.          , 0.68359375, 0.901
        0.9589844 , 0.53808594], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99853516, 0.3095703 , 0.23632812,
        0.44384766, 0.8613281 ], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22229004, 0.95458984], dtype=float32), array([0.          , 1.          , 0.99658203, 0.516
        0.671875 , 0.80859375], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.666
        0.7817383 , 0.76660156], dtype=float32), array([0.          , 1.          , 0.94140625, 0.793
        0.9213867 , 0.67333984], dtype=float32), array([0.          , 1.          , 0.78515625, 0.738
        0.80371094, 0.5957031 ], dtype=float32), array([0.          , 1.          , 0.66308594, 0.901
        0.95947266, 0.5371094 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30908203, 0.23754883,
        0.44433594, 0.859375 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.507
        0.66845703, 0.81640625], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22290039, 0.95654297], dtype=float32), array([0.          , 1.          , 0.99121094, 0.666
        0.78125 , 0.765625 ], dtype=float32), array([0.          , 1.          , 0.9526367 , 0.795
        0.92089844, 0.67285156], dtype=float32), array([0.          , 1.          , 0.87402344, 0.740
        0.8076172 , 0.6015625 ], dtype=float32), array([0.          , 1.          , 0.64941406, 0.901
        0.95947266, 0.53808594], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30859375, 0.23876953,
        0.44482422, 0.85791016], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.504
        0.6669922 , 0.8183594 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.047
        0.22753906, 0.96875 ], dtype=float32), array([0.          , 1.          , 0.99072266, 0.665
        0.7817383 , 0.7661133 ], dtype=float32), array([0.          , 1.          , 0.9477539 , 0.794
        0.92041016, 0.67333984], dtype=float32), array([0.          , 1.          , 0.87939453, 0.741
        0.8105469 , 0.60009766], dtype=float32), array([0.          , 1.          , 0.64941406, 0.901
        0.95947266, 0.5366211 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99853516, 0.30810547, 0.23901367,
        0.44384766, 0.85839844], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.501
        0.6669922 , 0.81933594], dtype=float32), array([0.          , 1.          , 0.9970703 , 0.048
        0.22338867, 0.95996094], dtype=float32), array([0.          , 1.          , 0.99072266, 0.664
        0.7817383 , 0.765625 ], dtype=float32), array([0.          , 1.          , 0.9433594 , 0.794
        0.92041016, 0.6723633 ], dtype=float32), array([0.          , 1.          , 0.87890625, 0.739
        0.80859375, 0.59814453], dtype=float32), array([0.          , 1.          , 0.6640625 , 0.902
        0.95996094, 0.5361328 ], dtype=float32)]
```

Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99902344, 0.30810547, 0.23901367,
        0.44384766, 0.8564453 ], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.498
        0.6660156 , 0.81640625], dtype=float32), array([0.          , 1.          , 0.9975586 , 0.050
        0.22973633, 0.9638672 ], dtype=float32), array([0.          , 1.          , 0.9921875 , 0.663
        0.77978516, 0.76464844], dtype=float32), array([0.          , 1.          , 0.94091797, 0.794
        0.92089844, 0.671875  ], dtype=float32), array([0.          , 1.          , 0.7363281 , 0.737
        0.80615234, 0.59814453], dtype=float32), array([0.          , 1.          , 0.6660156 , 0.901
        0.95947266, 0.53564453], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[]
Total People in frame = 0
Number of people in queue = {1: 0, 2: 0}
1 0
2 0
results/
results/manufacturing/
results/manufacturing/vpu/
results/manufacturing/vpu/stats.txt
results/manufacturing/vpu/output_video.mp4
stderr.log

```

**View stderr.log** This can be used for debugging.

```
In [25]: !cat stderr.log
```

```

person_detect.py:64: DeprecationWarning: Reading network using constructor is deprecated. Please
    self.model=IENetwork(self.model_structure, self.model_weights)

```

**View Output Video** Run the cell below to view the output video. If inference was successfully run, you should see a video with bounding boxes drawn around each person detected.

```
In [26]: import videoHtml
```

```
videoHtml.videoHTML('Manufacturing VPU', ['results/manufacturing/vpu/output_video.mp4'])
```

```
Out[26]: <IPython.core.display.HTML object>
```



## 1.8 Step 1.4: Submit to an Edge Compute Node with IEI Mustang-F100-A10

In the cell below, write a script to submit a job to an IEI Tank 870-Q170 edge node with an Intel Core i5-6500te CPU . The inference workload will run on the IEI Mustang-F100-A10 FPGA card installed in this node.

```
In [27]: #Submit job to the queue
        fpga_job_id = !qsub queue_job.sh -d . -l nodes=1:tank-870:i5-6500te:iei-mustang-f100-a10

        print(fpga_job_id[0])

soiduWixFpnFINGh2lZ2ez10J38CjLcY
```

### 1.8.1 Check Job Status

To check on the job that was submitted, use `liveQStat` to check the status of the job.

Column S shows the state of your running jobs.

For example: - If JOB ID is in Q state, it is in the queue waiting for available resources. - If JOB ID is in R state, it is running.

```
In [28]: #import liveQStat
        #liveQStat.liveQStat()
```

**Get Results** Run the next cell to retrieve your job's results.

```
In [29]: import get_results
        get_results.getResults(fpga_job_id[0], filename='output.tgz', blocking=True)
```

`getResults()` is blocking until results of the job (id:soiduWixFpnFINGh2lZ2ez10J38CjLcY) are read.  
Please wait...Success!

output.tgz was downloaded in the same folder as this notebook.

### Unpack your output files and view stdout.log

```
In [30]: !tar xzf output.tgz
```

```
In [31]: !cat stdout.log
```

INTELFPGAOCSDKROOT is not set

Using script's current directory (/opt/altera/aocl-pro-rte/aclrte-linux64)

aoc was not found, but aocl was found. Assuming only RTE is installed.

AOCL\_BOARD\_PACKAGE\_ROOT is set to /opt/intel/opencvino/bitstreams/a10\_vision\_design\_sg2\_bitstream

Adding /opt/altera/aocl-pro-rte/aclrte-linux64/bin to PATH

Adding /opt/altera/aocl-pro-rte/aclrte-linux64/linux64/lib to LD\_LIBRARY\_PATH

Adding /opt/altera/aocl-pro-rte/aclrte-linux64/host/linux64/lib to LD\_LIBRARY\_PATH

```

Adding /opt/intel/opencvino/bitstreams/a10_vision_design_sg2_bitstreams/BSP/a10_1150_sg2/linux64/
aocl program: Running program from /opt/intel/opencvino/bitstreams/a10_vision_design_sg2_bitstreams/
Failed to open file: /opt/intel/opencvino/bitstreams/a10_vision_design_sg2_bitstreams/2020-2_PL2_
Error: Failed to find aocx
aocl program: Program failed.
Creating model...
Network loaded...
Time taken to load model = {time.time()-start} seconds
Running Inference
[array([0.          , 1.          , 0.9984573 , 0.3090319 , 0.24680576,
        0.4511543 , 0.86194587], dtype=float32), array([0.          , 1.          , 0.99750805, 0.050
        0.22182322, 0.9615022 ], dtype=float32), array([0.          , 1.          , 0.9969126 , 0.506
        0.66732836, 0.81877345], dtype=float32), array([0.          , 1.          , 0.99262565, 0.666
        0.777293 , 0.76354694], dtype=float32), array([0.          , 1.          , 0.9448931 , 0.796
        0.9217724 , 0.67341673], dtype=float32), array([0.          , 1.          , 0.9370957 , 0.745
        0.81269246, 0.5913886 ], dtype=float32), array([0.          , 1.          , 0.8040985 , 0.919
        0.9909742 , 0.5592933 ], dtype=float32), array([0.          , 1.          , 0.72990495, 0.899
        0.9633098 , 0.5384581 ], dtype=float32), array([0.          , 1.          , 0.63431686, 0.630
        0.64558196, 0.29749134], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99847525, 0.3089667 , 0.24601352,
        0.45102316, 0.86261964], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.049
        0.22198662, 0.9607171 ], dtype=float32), array([0.          , 1.          , 0.99647564, 0.503
        0.6667689 , 0.81878245], dtype=float32), array([0.          , 1.          , 0.9931496 , 0.666
        0.77789927, 0.7646895 ], dtype=float32), array([0.          , 1.          , 0.936285 , 0.794
        0.92161095, 0.67140955], dtype=float32), array([0.          , 1.          , 0.9269676 , 0.746
        0.8134014 , 0.59015805], dtype=float32), array([0.          , 1.          , 0.80379057, 0.920
        0.9915509 , 0.5596599 ], dtype=float32), array([0.          , 1.          , 0.7655934 , 0.899
        0.96290386, 0.53794396], dtype=float32), array([0.          , 1.          , 0.62268883, 0.630
        0.6458331 , 0.2976848 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99847525, 0.30883667, 0.24622044,
        0.45099893, 0.8624127 ], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.050
        0.22197618, 0.9609792 ], dtype=float32), array([0.          , 1.          , 0.99588215, 0.501
        0.6682508 , 0.8186267 ], dtype=float32), array([0.          , 1.          , 0.9935369 , 0.666
        0.7782651 , 0.765265 ], dtype=float32), array([0.          , 1.          , 0.9475755 , 0.746
        0.8136485 , 0.5902109 ], dtype=float32), array([0.          , 1.          , 0.9324533 , 0.794
        0.92172587, 0.67130345], dtype=float32), array([0.          , 1.          , 0.8272707 , 0.921
        0.9922191 , 0.5602508 ], dtype=float32), array([0.          , 1.          , 0.7595823 , 0.899
        0.9627156 , 0.53746086], dtype=float32), array([0.          , 1.          , 0.62543815, 0.630

```

```

    0.64600885, 0.29800886], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985104 , 0.30884552, 0.24603483,
        0.4505694 , 0.86360514], dtype=float32), array([0.          , 1.          , 0.9976949 , 0.050
        0.22171006, 0.959136  ], dtype=float32), array([0.          , 1.          , 0.9942251 , 0.504
        0.67045474, 0.8150612  ], dtype=float32), array([0.          , 1.          , 0.9937588 , 0.665
        0.7791493 , 0.7654319  ], dtype=float32), array([0.          , 1.          , 0.9567152 , 0.746
        0.814342  , 0.590341  ], dtype=float32), array([0.          , 1.          , 0.9313377 , 0.793
        0.92169297, 0.67183036], dtype=float32), array([0.          , 1.          , 0.85244477, 0.922
        0.9928966 , 0.5601244  ], dtype=float32), array([0.          , 1.          , 0.7634838 , 0.899
        0.96232295, 0.537173  ], dtype=float32), array([0.          , 1.          , 0.62429357, 0.630
        0.646058  , 0.29845423], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984633 , 0.30867356, 0.24583122,
        0.4506572 , 0.86380875], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.049
        0.22164759, 0.9589353  ], dtype=float32), array([0.          , 1.          , 0.9943581 , 0.505
        0.6708606 , 0.8116888  ], dtype=float32), array([0.          , 1.          , 0.99317604, 0.665
        0.779668  , 0.7657949  ], dtype=float32), array([0.          , 1.          , 0.96182173, 0.746
        0.81406236, 0.59069794], dtype=float32), array([0.          , 1.          , 0.9405718 , 0.792
        0.92129284, 0.67428964], dtype=float32), array([0.          , 1.          , 0.83682144, 0.922
        0.9925038 , 0.56160706], dtype=float32), array([0.          , 1.          , 0.78431904, 0.899
        0.9623949 , 0.53809136], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985335 , 0.30871785, 0.24544913,
        0.45078123, 0.8613481  ], dtype=float32), array([0.          , 1.          , 0.997537  , 0.049
        0.22173163, 0.9622195  ], dtype=float32), array([0.          , 1.          , 0.9949397 , 0.504
        0.6709902 , 0.8128555  ], dtype=float32), array([0.          , 1.          , 0.99273914, 0.665
        0.7799575 , 0.76532245], dtype=float32), array([0.          , 1.          , 0.9643886 , 0.746
        0.8142447 , 0.5903547  ], dtype=float32), array([0.          , 1.          , 0.9439706 , 0.792722
        0.6745133], dtype=float32), array([0.          , 1.          , 0.84619683, 0.9233852 , 0.2462
        0.9935091 , 0.56106853], dtype=float32), array([0.          , 1.          , 0.7962925 , 0.899
        0.9617789 , 0.53635883], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.99857306, 0.308512  , 0.24565127,
        0.45077667, 0.86073136], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.049
        0.22163808, 0.9619436 ], dtype=float32), array([0.          , 1.          , 0.9953904 , 0.506
        0.6717504 , 0.81104827], dtype=float32), array([0.          , 1.          , 0.9923341 , 0.666
        0.78070945, 0.76676947], dtype=float32), array([0.          , 1.          , 0.96826136, 0.746
        0.8145163 , 0.59115195], dtype=float32), array([0.          , 1.          , 0.94479126, 0.792
        0.9210297 , 0.67408854], dtype=float32), array([0.          , 1.          , 0.86200356, 0.924
        0.9945316 , 0.5615611 ], dtype=float32), array([0.          , 1.          , 0.809276  , 0.898
        0.96139544, 0.53666425], dtype=float32), array([0.          , 1.          , 0.60346454, 0.630
        0.64653295, 0.2982998 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984452 , 0.3084358 , 0.24693161,
        0.45152605, 0.86306375], dtype=float32), array([0.          , 1.          , 0.99760324, 0.049
        0.22151756, 0.9624767 ], dtype=float32), array([0.          , 1.          , 0.99554896, 0.509
        0.6718002 , 0.8101292 ], dtype=float32), array([0.          , 1.          , 0.99271095, 0.666
        0.7809231 , 0.7671888 ], dtype=float32), array([0.          , 1.          , 0.96050966, 0.746
        0.8133891 , 0.58998835], dtype=float32), array([0.          , 1.          , 0.94985574, 0.793
        0.9205846 , 0.6738321 ], dtype=float32), array([0.          , 1.          , 0.86060363, 0.924
        0.99463755, 0.56117135], dtype=float32), array([0.          , 1.          , 0.81989336, 0.898
        0.96152973, 0.53676784], dtype=float32), array([0.          , 1.          , 0.61346817, 0.630
        0.646568  , 0.29875225], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99845123, 0.30846342, 0.24775547,
        0.45205936, 0.86259526], dtype=float32), array([0.          , 1.          , 0.9975274 , 0.049
        0.22154197, 0.96286005], dtype=float32), array([0.          , 1.          , 0.9958175 , 0.506
        0.6707199 , 0.81107694], dtype=float32), array([0.          , 1.          , 0.9930694 , 0.666
        0.780653  , 0.76826084], dtype=float32), array([0.          , 1.          , 0.9610981 , 0.796
        0.9201488 , 0.67267543], dtype=float32), array([0.          , 1.          , 0.95159405, 0.747
        0.8131974 , 0.59150606], dtype=float32), array([0.          , 1.          , 0.83031917, 0.898
        0.96121883, 0.5360081 ], dtype=float32), array([0.          , 1.          , 0.81989336, 0.925
        0.99476963, 0.5608228 ], dtype=float32), array([0.          , 1.          , 0.615319  , 0.629
        0.64662206, 0.29910156], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983897 , 0.30916142, 0.2465508 ,
        0.45141745, 0.8621416 ], dtype=float32), array([0.          , 1.          , 0.99727446, 0.049
```

```

0.22140068, 0.9666517 ], dtype=float32), array([0.          , 1.          , 0.99589807, 0.503
0.67005426, 0.8126848 ], dtype=float32), array([0.          , 1.          , 0.9930153 , 0.666
0.78096145, 0.7682792 ], dtype=float32), array([0.          , 1.          , 0.9621787 , 0.796
0.92011535, 0.67358446], dtype=float32), array([0.          , 1.          , 0.9382373 , 0.748
0.81294715, 0.5924504 ], dtype=float32), array([0.          , 1.          , 0.8305942 , 0.926
0.9957059 , 0.56008446], dtype=float32), array([0.          , 1.          , 0.82949203, 0.898
0.9609038 , 0.535558  ], dtype=float32), array([0.          , 1.          , 0.63045746, 0.629
0.6465906 , 0.2996341 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983059 , 0.30885488, 0.24517283,
0.4513594 , 0.8626903 ], dtype=float32), array([0.          , 1.          , 0.99731654, 0.049
0.22134297, 0.96748006], dtype=float32), array([0.          , 1.          , 0.9958175 , 0.501
0.6688394 , 0.8135061 ], dtype=float32), array([0.          , 1.          , 0.99256825, 0.665
0.7813908 , 0.7692302 ], dtype=float32), array([0.          , 1.          , 0.96411926, 0.796
0.9199707 , 0.67495316], dtype=float32), array([0.          , 1.          , 0.90926456, 0.748
0.8122081 , 0.5932077 ], dtype=float32), array([0.          , 1.          , 0.8386798 , 0.926
0.9961616 , 0.5599346 ], dtype=float32), array([0.          , 1.          , 0.8253084 , 0.897
0.96082926, 0.5367147 ], dtype=float32), array([0.          , 1.          , 0.64802104, 0.629
0.6465327 , 0.29957187], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9982248 , 0.30940545, 0.24383977,
0.4508649 , 0.86331284], dtype=float32), array([0.          , 1.          , 0.99722075, 0.049
0.22135878, 0.96731246], dtype=float32), array([0.          , 1.          , 0.9957684 , 0.499
0.66859615, 0.8137367 ], dtype=float32), array([0.          , 1.          , 0.99242276, 0.665
0.78182155, 0.76933277], dtype=float32), array([0.          , 1.          , 0.9657061 , 0.796
0.91969436, 0.67555875], dtype=float32), array([0.          , 1.          , 0.9073123 , 0.749
0.8140849 , 0.5950362 ], dtype=float32), array([0.          , 1.          , 0.85046864, 0.927
0.9965419 , 0.5597913 ], dtype=float32), array([0.          , 1.          , 0.840259 , 0.896
0.96063566, 0.53714925], dtype=float32), array([0.          , 1.          , 0.64131004, 0.629
0.6463707 , 0.29925197], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9981324 , 0.30996794, 0.24358124,
0.45023233, 0.8636897 ], dtype=float32), array([0.          , 1.          , 0.99718815, 0.049
0.22141711, 0.96631694], dtype=float32), array([0.          , 1.          , 0.9954615 , 0.500
0.66937095, 0.8127062 ], dtype=float32), array([0.          , 1.          , 0.9923638 , 0.665
0.78135586, 0.7701727 ], dtype=float32), array([0.          , 1.          , 0.9601375 , 0.796

```

```

0.91999304, 0.67348444], dtype=float32), array([0.          , 1.          , 0.868381  , 0.748
0.8126156 , 0.5935915 ], dtype=float32), array([0.          , 1.          , 0.8649962 , 0.896
0.96011865, 0.53719735], dtype=float32), array([0.          , 1.          , 0.84645087, 0.928
0.997378  , 0.5595458 ], dtype=float32), array([0.          , 1.          , 0.6222298, 0.630050
0.2995616], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9977216 , 0.31235567, 0.24216753,
0.44847563, 0.86688024], dtype=float32), array([0.          , 1.          , 0.9972531 , 0.049
0.22131096, 0.9648981 ], dtype=float32), array([0.          , 1.          , 0.9958175 , 0.499
0.66863465, 0.8125717 ], dtype=float32), array([0.          , 1.          , 0.99135584, 0.665
0.78173655, 0.7707695 ], dtype=float32), array([0.          , 1.          , 0.95159405, 0.796
0.92067164, 0.6713561 ], dtype=float32), array([0.          , 1.          , 0.8721298 , 0.895
0.959681  , 0.53893673], dtype=float32), array([0.          , 1.          , 0.8389439 , 0.929
0.9975968 , 0.5590031 ], dtype=float32), array([0.          , 1.          , 0.79214287, 0.747
0.81140286, 0.58970547], dtype=float32), array([0.          , 1.          , 0.62612414, 0.630
0.6466361 , 0.29936627], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9974788 , 0.31374693, 0.24225765,
0.4469021 , 0.86738235], dtype=float32), array([0.          , 1.          , 0.997285  , 0.049
0.22123957, 0.9649669 ], dtype=float32), array([0.          , 1.          , 0.9961755 , 0.499
0.6688166 , 0.8135686 ], dtype=float32), array([0.          , 1.          , 0.9905143 , 0.664
0.78187805, 0.7711054 ], dtype=float32), array([0.          , 1.          , 0.94825053, 0.796
0.9205727 , 0.67129457], dtype=float32), array([0.          , 1.          , 0.8575297 , 0.895
0.959166  , 0.53863525], dtype=float32), array([0.          , 1.          , 0.85145944, 0.928
0.997458  , 0.5588133 ], dtype=float32), array([0.          , 1.          , 0.7610061, 0.746641
0.5888241], dtype=float32), array([0.          , 1.          , 0.6370308 , 0.62994206, 0.2326
0.6467395 , 0.29964522], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99723166, 0.0498694 , 0.2612753 ,
0.22135401, 0.9650663 ], dtype=float32), array([0.          , 1.          , 0.99723166, 0.319
0.4463355 , 0.86675316], dtype=float32), array([0.          , 1.          , 0.9963924 , 0.498
0.6676572 , 0.8144023 ], dtype=float32), array([0.          , 1.          , 0.98926485, 0.665
0.7822813 , 0.7705593 ], dtype=float32), array([0.          , 1.          , 0.951684  , 0.797
0.9203959 , 0.67098767], dtype=float32), array([0.          , 1.          , 0.86904925, 0.928
0.9975517 , 0.5590439 ], dtype=float32), array([0.          , 1.          , 0.85244477, 0.896
0.9589052 , 0.53806293], dtype=float32), array([0.          , 1.          , 0.7185944, 0.746132

```

```

        0.5889865], dtype=float32), array([0.          , 1.          , 0.66345096, 0.62976617, 0.2328
        0.64660627, 0.29990536], dtype=float32))
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9973786 , 0.3203897 , 0.25324345,
        0.4462555 , 0.8681358 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.049
        0.22145548, 0.9617828 ], dtype=float32), array([0.          , 1.          , 0.9967524 , 0.498
        0.6657845 , 0.8198457 ], dtype=float32), array([0.          , 1.          , 0.98866826, 0.665
        0.7825026 , 0.77152896], dtype=float32), array([0.          , 1.          , 0.9514138 , 0.797
        0.92049605, 0.67118645], dtype=float32), array([0.          , 1.          , 0.85121226, 0.897
        0.9598738 , 0.5398886 ], dtype=float32), array([0.          , 1.          , 0.81757456, 0.927
        0.99648285, 0.5612148 ], dtype=float32), array([0.          , 1.          , 0.67405045, 0.629
        0.64667076, 0.3004198 ], dtype=float32), array([0.          , 1.          , 0.6435534 , 0.745
        0.80943525, 0.58878577], dtype=float32))
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99731654, 0.05011396, 0.26157653,
        0.22141446, 0.960027  ], dtype=float32), array([0.          , 1.          , 0.99723166, 0.320
        0.44587043, 0.86868083], dtype=float32), array([0.          , 1.          , 0.99688846, 0.500
        0.6661767 , 0.82034415], dtype=float32), array([0.          , 1.          , 0.9887554 , 0.663
        0.78250724, 0.77160704], dtype=float32), array([0.          , 1.          , 0.9508692 , 0.796
        0.92065793, 0.67403483], dtype=float32), array([0.          , 1.          , 0.86316115, 0.897
        0.9603543 , 0.5398092 ], dtype=float32), array([0.          , 1.          , 0.7911765 , 0.927
        0.9958411 , 0.5606364 ], dtype=float32), array([0.          , 1.          , 0.64646024, 0.748
        0.80811566, 0.58135086], dtype=float32), array([0.          , 1.          , 0.6217706 , 0.629
        0.64604306, 0.2992935 ], dtype=float32))
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99743915, 0.50146425, 0.21652529,
        0.6652559 , 0.8205043 ], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.320
        0.44613183, 0.8686657 ], dtype=float32), array([0.          , 1.          , 0.997285 , 0.049
        0.22137544, 0.9628693 ], dtype=float32), array([0.          , 1.          , 0.9890131 , 0.663
        0.78235894, 0.7711551 ], dtype=float32), array([0.          , 1.          , 0.9524858 , 0.796
        0.92050374, 0.6728252 ], dtype=float32), array([0.          , 1.          , 0.840259 , 0.897
        0.9603469 , 0.5383211 ], dtype=float32), array([0.          , 1.          , 0.81728303, 0.927
        0.9957724 , 0.5598829 ], dtype=float32), array([0.          , 1.          , 0.6619229 , 0.629
        0.64675486, 0.30033806], dtype=float32))
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99789256, 0.49768165, 0.21738032,
        0.6640039 , 0.8213668 ], dtype=float32), array([0.          , 1.          , 0.99729556, 0.320
        0.4452222 , 0.87021923], dtype=float32), array([0.          , 1.          , 0.9972531 , 0.049
        0.22123927, 0.96328723], dtype=float32), array([0.          , 1.          , 0.98825616, 0.663
        0.784641 , 0.77297586], dtype=float32), array([0.          , 1.          , 0.9562273 , 0.797
        0.92120636, 0.67212033], dtype=float32), array([0.          , 1.          , 0.82190347, 0.926
        0.99516106, 0.5573999 ], dtype=float32), array([0.          , 1.          , 0.81669897, 0.897
        0.9606588 , 0.5376155 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9979493 , 0.4982453 , 0.21672764,
        0.6636928 , 0.8235445 ], dtype=float32), array([0.          , 1.          , 0.9973888 , 0.320
        0.44453242, 0.86611843], dtype=float32), array([0.          , 1.          , 0.99727446, 0.050
        0.22113183, 0.9624618 ], dtype=float32), array([0.          , 1.          , 0.9888419 , 0.663
        0.7851137 , 0.7727226 ], dtype=float32), array([0.          , 1.          , 0.95230865, 0.796
        0.9207434 , 0.6741977 ], dtype=float32), array([0.          , 1.          , 0.8677098 , 0.927
        0.9955127 , 0.5594754 ], dtype=float32), array([0.          , 1.          , 0.8074607 , 0.897
        0.9603097 , 0.53735554], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99784267, 0.49739903, 0.21875712,
        0.6626528 , 0.8226403 ], dtype=float32), array([0.          , 1.          , 0.9973374 , 0.049
        0.22143736, 0.9633526 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.320
        0.444446647, 0.8656794 ], dtype=float32), array([0.          , 1.          , 0.9888419 , 0.662
        0.78516006, 0.7730418 ], dtype=float32), array([0.          , 1.          , 0.95735765, 0.796
        0.92062485, 0.67419434], dtype=float32), array([0.          , 1.          , 0.8181564 , 0.926
        0.9944199 , 0.55866563], dtype=float32), array([0.          , 1.          , 0.8140528 , 0.897
        0.95979047, 0.53726816], dtype=float32), array([0.          , 1.          , 0.6046324 , 0.629
        0.64661795, 0.2993092 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9979966 , 0.5059438 , 0.21779156,
        0.6633146 , 0.8219476 ], dtype=float32), array([0.          , 1.          , 0.997358 , 0.049
        0.22145827, 0.9604184 ], dtype=float32), array([0.          , 1.          , 0.99709916, 0.320
        0.44417262, 0.8672373 ], dtype=float32), array([0.          , 1.          , 0.9890131 , 0.661
        0.78426325, 0.7698965 ], dtype=float32), array([0.          , 1.          , 0.9540518 , 0.795
```



```

0.920805 , 0.6742809 ], dtype=float32), array([0.          , 1.          , 0.8104789 , 0.898
0.9604407 , 0.53778374], dtype=float32), array([0.          , 1.          , 0.74761593, 0.924
0.99258417, 0.55815697], dtype=float32), array([0.          , 1.          , 0.6199316 , 0.630
0.6465288 , 0.29942623], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983386 , 0.5084017 , 0.21901795,
0.66312855, 0.8239045 ], dtype=float32), array([0.          , 1.          , 0.997399 , 0.049
0.22137934, 0.9620176 ], dtype=float32), array([0.          , 1.          , 0.997399 , 0.320
0.4449418 , 0.8667208 ], dtype=float32), array([0.          , 1.          , 0.98892784, 0.662
0.7853231 , 0.7733905 ], dtype=float32), array([0.          , 1.          , 0.9552357 , 0.795
0.92119133, 0.67472994], dtype=float32), array([0.          , 1.          , 0.83575183, 0.898
0.96057266, 0.53889596], dtype=float32), array([0.          , 1.          , 0.74816835, 0.925
0.99262136, 0.5596282 ], dtype=float32), array([0.          , 1.          , 0.6325028 , 0.629
0.646057 , 0.30000454], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9976949 , 0.5095063 , 0.21796393,
0.66516525, 0.8248993 ], dtype=float32), array([0.          , 1.          , 0.99746895, 0.049
0.22163971, 0.9607097 ], dtype=float32), array([0.          , 1.          , 0.9973684 , 0.320
0.44512597, 0.8640694 ], dtype=float32), array([0.          , 1.          , 0.98942953, 0.663
0.7855799 , 0.7739465 ], dtype=float32), array([0.          , 1.          , 0.9545628 , 0.794
0.92071563, 0.6747597 ], dtype=float32), array([0.          , 1.          , 0.8362873 , 0.898
0.9607184 , 0.53864753], dtype=float32), array([0.          , 1.          , 0.70942193, 0.923
0.9919185 , 0.55961514], dtype=float32), array([0.          , 1.          , 0.6281793 , 0.629
0.6463744 , 0.30034375], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9974491 , 0.04963585, 0.261413 ,
0.22125447, 0.9605459 ], dtype=float32), array([0.          , 1.          , 0.997358 , 0.324
0.44531706, 0.8582477 ], dtype=float32), array([0.          , 1.          , 0.9970879 , 0.513
0.66862845, 0.8203964 ], dtype=float32), array([0.          , 1.          , 0.9891816 , 0.662
0.7857335 , 0.77286106], dtype=float32), array([0.          , 1.          , 0.9560635 , 0.794
0.9207002 , 0.6725411 ], dtype=float32), array([0.          , 1.          , 0.8740773 , 0.898
0.95998913, 0.5395763 ], dtype=float32), array([0.          , 1.          , 0.72193927, 0.927
0.9938644 , 0.56145287], dtype=float32), array([0.          , 1.          , 0.71183175, 0.747
0.80663 , 0.57494164], dtype=float32), array([0.          , 1.          , 0.640411 , 0.629
0.64639205, 0.30195215], dtype=float32)]
Total People in frame = 9

```

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9977393 , 0.32330742, 0.2532464 ,
        0.4469559 , 0.8562751 ], dtype=float32), array([0.          , 1.          , 0.99749833, 0.049
        0.22125742, 0.96050084], dtype=float32), array([0.          , 1.          , 0.99696034, 0.521
        0.6697519 , 0.8169245 ], dtype=float32), array([0.          , 1.          , 0.98986953, 0.662
        0.7858459 , 0.772822  ], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.794
        0.92098147, 0.67288893], dtype=float32), array([0.          , 1.          , 0.8753615 , 0.898
        0.959356  , 0.5394385 ], dtype=float32), array([0.          , 1.          , 0.74890363, 0.928
        0.9949081 , 0.56169444], dtype=float32), array([0.          , 1.          , 0.6934729 , 0.747
        0.80646753, 0.5764029 ], dtype=float32), array([0.          , 1.          , 0.6677979 , 0.629165
        0.3020554], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982993 , 0.3218542 , 0.25125796,
        0.45250407, 0.8555984 ], dtype=float32), array([0.          , 1.          , 0.99746895, 0.049
        0.2213727 , 0.9608626 ], dtype=float32), array([0.          , 1.          , 0.9965436 , 0.524
        0.66885346, 0.81626743], dtype=float32), array([0.          , 1.          , 0.9899476 , 0.663
        0.78576016, 0.77324903], dtype=float32), array([0.          , 1.          , 0.9592307 , 0.795
        0.92045516, 0.6726542 ], dtype=float32), array([0.          , 1.          , 0.8781054 , 0.899
        0.95947254, 0.53935206], dtype=float32), array([0.          , 1.          , 0.7956581 , 0.748
        0.8077341 , 0.57962525], dtype=float32), array([0.          , 1.          , 0.74890363, 0.927
        0.99352384, 0.5622302 ], dtype=float32), array([0.          , 1.          , 0.6675812 , 0.629
        0.6464031 , 0.30251944], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984812 , 0.32063493, 0.24590778,
        0.45872977, 0.8559145 ], dtype=float32), array([0.          , 1.          , 0.9975751 , 0.049
        0.22139642, 0.9619262 ], dtype=float32), array([0.          , 1.          , 0.99544394, 0.527
        0.6690672 , 0.81650853], dtype=float32), array([0.          , 1.          , 0.98942953, 0.663
        0.7854712 , 0.77329195], dtype=float32), array([0.          , 1.          , 0.9589242 , 0.795527
        0.6734992], dtype=float32), array([0.          , 1.          , 0.8534248 , 0.898653 , 0.2418
        0.9593639 , 0.53763556], dtype=float32), array([0.          , 1.          , 0.7435406 , 0.748
        0.80794567, 0.58012784], dtype=float32), array([0.          , 1.          , 0.7122322 , 0.926
        0.99329233, 0.56141275], dtype=float32), array([0.          , 1.          , 0.6680145 , 0.629
        0.6463937 , 0.30248302], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975751 , 0.04942001, 0.26205954,
        0.22134058, 0.95901096], dtype=float32), array([0.          , 1.          , 0.99718815, 0.319
        0.47142428, 0.8659904 ], dtype=float32), array([0.          , 1.          , 0.99444515, 0.528
        0.6696721 , 0.81427455], dtype=float32), array([0.          , 1.          , 0.989791  , 0.663
        0.78513473, 0.7738576 ], dtype=float32), array([0.          , 1.          , 0.95869267, 0.795
        0.9206483 , 0.67333156], dtype=float32), array([0.          , 1.          , 0.8584815 , 0.898
        0.9599483 , 0.54020834], dtype=float32), array([0.          , 1.          , 0.8010035 , 0.748
        0.80780697, 0.5794265 ], dtype=float32), array([0.          , 1.          , 0.7041601 , 0.629
        0.64608383, 0.3030259 ], dtype=float32), array([0.          , 1.          , 0.684264  , 0.923
        0.99093467, 0.56196624], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99759394, 0.04931087, 0.26261026,
        0.22161803, 0.9592895 ], dtype=float32), array([0.          , 1.          , 0.9967013 , 0.319
        0.47705245, 0.8647964 ], dtype=float32), array([0.          , 1.          , 0.99453074, 0.530
        0.6695931 , 0.81304854], dtype=float32), array([0.          , 1.          , 0.9891816 , 0.663
        0.7844504 , 0.7735757 ], dtype=float32), array([0.          , 1.          , 0.95806944, 0.796
        0.9204376 , 0.67227566], dtype=float32), array([0.          , 1.          , 0.86408126, 0.899
        0.9603665 , 0.5395307 ], dtype=float32), array([0.          , 1.          , 0.7959755 , 0.750
        0.81031615, 0.58243716], dtype=float32), array([0.          , 1.          , 0.6808786 , 0.629
        0.64601153, 0.30218777], dtype=float32), array([0.          , 1.          , 0.6603914 , 0.922
        0.9900824 , 0.5607497 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9975656 , 0.04937223, 0.26447558,
        0.22167939, 0.9588455 ], dtype=float32), array([0.          , 1.          , 0.9960238 , 0.319
        0.48346627, 0.86384636], dtype=float32), array([0.          , 1.          , 0.99544394, 0.529
        0.6701081 , 0.8117684 ], dtype=float32), array([0.          , 1.          , 0.9896718 , 0.663
        0.784033  , 0.7730969 ], dtype=float32), array([0.          , 1.          , 0.9603612 , 0.797
        0.92044646, 0.6725875 ], dtype=float32), array([0.          , 1.          , 0.868381  , 0.899
        0.96032166, 0.5407061 ], dtype=float32), array([0.          , 1.          , 0.8399967 , 0.750
        0.8104022 , 0.583381  ], dtype=float32), array([0.          , 1.          , 0.7122322 , 0.922
        0.98947096, 0.5613259 ], dtype=float32), array([0.          , 1.          , 0.6723317 , 0.629
        0.6460791 , 0.30199543], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9974788 , 0.04820763, 0.2668991 ,
        0.22631359, 0.9723817 ], dtype=float32), array([0.          , 1.          , 0.99679  , 0.318
```

```

0.48154482, 0.8644519 ], dtype=float32), array([0.          , 1.          , 0.9961755 , 0.528
0.6696458 , 0.81124  ], dtype=float32), array([0.          , 1.          , 0.99010193, 0.664
0.7842176 , 0.7734344 ], dtype=float32), array([0.          , 1.          , 0.961171  , 0.797
0.9205988 , 0.6732726 ], dtype=float32), array([0.          , 1.          , 0.8451773 , 0.897
0.95898855, 0.5393282 ], dtype=float32), array([0.          , 1.          , 0.7826626 , 0.749
0.8089579 , 0.58261573], dtype=float32), array([0.          , 1.          , 0.7352616 , 0.924
0.9923481 , 0.5621829 ], dtype=float32), array([0.          , 1.          , 0.6675812 , 0.629
0.6459811 , 0.3013956 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.997783  , 0.04737574, 0.26795384,
0.22687861, 0.96952033], dtype=float32), array([0.          , 1.          , 0.99760324, 0.318
0.47626987, 0.8636185 ], dtype=float32), array([0.          , 1.          , 0.9964204 , 0.530
0.6695858 , 0.80955976], dtype=float32), array([0.          , 1.          , 0.9901783 , 0.664
0.7822203 , 0.7681093 ], dtype=float32), array([0.          , 1.          , 0.95846003, 0.797
0.9212514 , 0.6719207 ], dtype=float32), array([0.          , 1.          , 0.83548355, 0.898
0.9605764 , 0.5407722 ], dtype=float32), array([0.          , 1.          , 0.8184468 , 0.750
0.8092665 , 0.58277357], dtype=float32), array([0.          , 1.          , 0.717408  , 0.921
0.9905891 , 0.5613084 ], dtype=float32), array([0.          , 1.          , 0.6804541 , 0.629
0.6457906 , 0.30173057], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99773055, 0.04770193, 0.26930755,
0.2271347 , 0.969642  ], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.317
0.47588927, 0.86359215], dtype=float32), array([0.          , 1.          , 0.9969246 , 0.529
0.67000633, 0.81183183], dtype=float32), array([0.          , 1.          , 0.99010193, 0.664
0.7823919 , 0.7684289 ], dtype=float32), array([0.          , 1.          , 0.954393 , 0.796223
0.6719336], dtype=float32), array([0.          , 1.          , 0.7786494 , 0.89824295, 0.2431
0.96105564, 0.540017  ], dtype=float32), array([0.          , 1.          , 0.76454026, 0.921
0.9911578 , 0.5607291 ], dtype=float32), array([0.          , 1.          , 0.7379143 , 0.748
0.8076217 , 0.5840269 ], dtype=float32), array([0.          , 1.          , 0.684264  , 0.629
0.6460249 , 0.3012219 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980506 , 0.31552655, 0.24776769,
0.4693495 , 0.8651571 ], dtype=float32), array([0.          , 1.          , 0.99776566, 0.047
0.22748792, 0.9689755 ], dtype=float32), array([0.          , 1.          , 0.99723166, 0.529
0.671286  , 0.8118049 ], dtype=float32), array([0.          , 1.          , 0.99108386, 0.667
0.78178924, 0.77501786], dtype=float32), array([0.          , 1.          , 0.9554856 , 0.796

```

```

0.9216807 , 0.6723941 ], dtype=float32), array([0.          , 1.          , 0.78431904, 0.899
0.96155035, 0.5412845 ], dtype=float32), array([0.          , 1.          , 0.7833262 , 0.748
0.8073933 , 0.5836925 ], dtype=float32), array([0.          , 1.          , 0.6781138 , 0.918
0.9880606 , 0.56064636], dtype=float32), array([0.          , 1.          , 0.6675812 , 0.629
0.64615047, 0.30117846], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99766773, 0.5267119 , 0.21768087,
0.67150646, 0.8136186 ], dtype=float32), array([0.          , 1.          , 0.9974885 , 0.313
0.47175264, 0.8630879 ], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.049
0.22713813, 0.97001874], dtype=float32), array([0.          , 1.          , 0.9915216 , 0.668
0.7809567 , 0.7739623 ], dtype=float32), array([0.          , 1.          , 0.95004153, 0.795
0.92171866, 0.6715733 ], dtype=float32), array([0.          , 1.          , 0.80317384, 0.899
0.9613308 , 0.54206896], dtype=float32), array([0.          , 1.          , 0.7446563 , 0.921
0.9900838 , 0.5644184 ], dtype=float32), array([0.          , 1.          , 0.7264256 , 0.748
0.80656284, 0.58171594], dtype=float32), array([0.          , 1.          , 0.6356749 , 0.629
0.64605665, 0.3011058 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.997537 , 0.52473384, 0.21810174,
0.6712478 , 0.81236863], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.310
0.47098756, 0.8619462 ], dtype=float32), array([0.          , 1.          , 0.9973786 , 0.050
0.22268641, 0.9556514 ], dtype=float32), array([0.          , 1.          , 0.99158704, 0.668
0.78054506, 0.77266705], dtype=float32), array([0.          , 1.          , 0.950503 , 0.794
0.9219011 , 0.6721543 ], dtype=float32), array([0.          , 1.          , 0.7959755 , 0.748
0.8072736 , 0.5815419 ], dtype=float32), array([0.          , 1.          , 0.7911765 , 0.900
0.9632043 , 0.5431857 ], dtype=float32), array([0.          , 1.          , 0.6372566 , 0.629
0.6456697 , 0.30107358], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9976495 , 0.05087811, 0.26610568,
0.2227819 , 0.95614934], dtype=float32), array([0.          , 1.          , 0.997459 , 0.309
0.47077554, 0.8617954 ], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.524
0.6713862 , 0.81230134], dtype=float32), array([0.          , 1.          , 0.99190676, 0.666
0.7800647 , 0.77179503], dtype=float32), array([0.          , 1.          , 0.9519527 , 0.795
0.9215525 , 0.67182755], dtype=float32), array([0.          , 1.          , 0.7465088 , 0.899
0.9632989 , 0.5425721 ], dtype=float32), array([0.          , 1.          , 0.7412996 , 0.747
0.8065629 , 0.58173347], dtype=float32), array([0.          , 1.          , 0.6123097 , 0.629
0.6463365 , 0.30101758], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9976404 , 0.5246763 , 0.21956423,
        0.6712421 , 0.8135121 ], dtype=float32), array([0.          , 1.          , 0.99740905, 0.051
        0.22259516, 0.95613813], dtype=float32), array([0.          , 1.          , 0.9971439 , 0.309
        0.47293624, 0.86298484], dtype=float32), array([0.          , 1.          , 0.99165195, 0.667
        0.78013825, 0.77105194], dtype=float32), array([0.          , 1.          , 0.95362175, 0.795
        0.9213241 , 0.67233884], dtype=float32), array([0.          , 1.          , 0.78890866, 0.900
        0.96399194, 0.5419418 ], dtype=float32), array([0.          , 1.          , 0.74871993, 0.747
        0.8060944 , 0.58095187], dtype=float32), array([0.          , 1.          , 0.6517983 , 0.629
        0.6455747 , 0.3007822 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99787605, 0.0538243 , 0.2646363 ,
        0.22220573, 0.95643425], dtype=float32), array([0.          , 1.          , 0.9978173 , 0.309
        0.47196257, 0.86426115], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.525
        0.67036164, 0.81354856], dtype=float32), array([0.          , 1.          , 0.9923341 , 0.667
        0.78004205, 0.77095944], dtype=float32), array([0.          , 1.          , 0.95239735, 0.794
        0.92135835, 0.67253935], dtype=float32), array([0.          , 1.          , 0.8904848 , 0.900
        0.9641283 , 0.5437896 ], dtype=float32), array([0.          , 1.          , 0.78464925, 0.746
        0.80548537, 0.58131754], dtype=float32), array([0.          , 1.          , 0.6318216 , 0.629
        0.64602166, 0.3004689 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998147 , 0.05541454, 0.26606476,
        0.22259986, 0.9567826 ], dtype=float32), array([0.          , 1.          , 0.99776566, 0.309
        0.47394055, 0.86228573], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.525
        0.67075825, 0.8112116 ], dtype=float32), array([0.          , 1.          , 0.9933072 , 0.668
        0.77938664, 0.77161777], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.794
        0.92104065, 0.6736895 ], dtype=float32), array([0.          , 1.          , 0.89787453, 0.901
        0.963484 , 0.5430837 ], dtype=float32), array([0.          , 1.          , 0.79182106, 0.746
        0.80576867, 0.5818348 ], dtype=float32), array([0.          , 1.          , 0.63431686, 0.629
        0.6456518 , 0.30012602], dtype=float32), array([0.          , 1.          , 0.6130049 , 0.956
        1.0000058 , 0.57369524], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.9980732 , 0.05591581, 0.26555046,
        0.22214064, 0.9578891 ], dtype=float32), array([0.          , 1.          , 0.9979966 , 0.309
        0.47206905, 0.8628358 ], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.523
        0.6712833 , 0.81340504], dtype=float32), array([0.          , 1.          , 0.99333304, 0.667
        0.77922547, 0.77119136], dtype=float32), array([0.          , 1.          , 0.9576754, 0.795024
        0.6745719], dtype=float32), array([0.          , 1.          , 0.87831426, 0.8999907 , 0.2449
        0.96204436, 0.54179704], dtype=float32), array([0.          , 1.          , 0.6776873 , 0.745
        0.8056709 , 0.58389366], dtype=float32), array([0.          , 1.          , 0.6690965 , 0.955
        0.9998105 , 0.57192206], dtype=float32), array([0.          , 1.          , 0.6247515 , 0.629
        0.6461734 , 0.29988188], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982039 , 0.05682895, 0.26588064,
        0.22121349, 0.958625 ], dtype=float32), array([0.          , 1.          , 0.99787605, 0.310
        0.4729076 , 0.8623134 ], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.522
        0.67106384, 0.8123243 ], dtype=float32), array([0.          , 1.          , 0.9938309 , 0.668
        0.77823544, 0.7695888 ], dtype=float32), array([0.          , 1.          , 0.95735765, 0.794
        0.92082804, 0.6736201 ], dtype=float32), array([0.          , 1.          , 0.87914675, 0.900
        0.96216565, 0.5416528 ], dtype=float32), array([0.          , 1.          , 0.76418847, 0.747
        0.80606747, 0.58147025], dtype=float32), array([0.          , 1.          , 0.69760895, 0.955
        0.999638 , 0.5727211 ], dtype=float32), array([0.          , 1.          , 0.6187805 , 0.629
        0.6459614 , 0.30044267], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9981828 , 0.0566908 , 0.26583377,
        0.22093092, 0.95790195], dtype=float32), array([0.          , 1.          , 0.99793327, 0.310
        0.47041738, 0.8626487 ], dtype=float32), array([0.          , 1.          , 0.99771273, 0.522
        0.67112607, 0.8123893 ], dtype=float32), array([0.          , 1.          , 0.99411184, 0.668
        0.7773641 , 0.7678399 ], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.794
        0.9206453 , 0.6731754 ], dtype=float32), array([0.          , 1.          , 0.78923374, 0.900
        0.9611771 , 0.54008377], dtype=float32), array([0.          , 1.          , 0.7341195, 0.746620
        0.5806032], dtype=float32), array([0.          , 1.          , 0.6980208 , 0.9552668 , 0.2475
        0.9996664 , 0.5726221 ], dtype=float32), array([0.          , 1.          , 0.6046324 , 0.629
        0.64618075, 0.30001667], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99804294, 0.05672724, 0.2676272 ,
        0.2214975 , 0.9594251 ], dtype=float32), array([0.          , 1.          , 0.99773055, 0.521
        0.6707439 , 0.81139064], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.309
```

```

0.47644806, 0.8618874 ], dtype=float32), array([0.          , 1.          , 0.99444515, 0.669
0.7767117 , 0.76786125], dtype=float32), array([0.          , 1.          , 0.9537082 , 0.793
0.92146766, 0.67312145], dtype=float32), array([0.          , 1.          , 0.84312165, 0.746
0.8063336 , 0.5841142 ], dtype=float32), array([0.          , 1.          , 0.71183175, 0.921
0.9893329 , 0.553988  ], dtype=float32), array([0.          , 1.          , 0.6522414 , 0.899
0.96191853, 0.53980696], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980045 , 0.05664142, 0.26752064,
0.22149214, 0.9586433 ], dtype=float32), array([0.          , 1.          , 0.99760324, 0.521
0.67081153, 0.8127332 ], dtype=float32), array([0.          , 1.          , 0.9974788 , 0.309
0.47243273, 0.86261964], dtype=float32), array([0.          , 1.          , 0.9941801 , 0.668
0.77645457, 0.7682078 ], dtype=float32), array([0.          , 1.          , 0.9546474 , 0.794
0.9216679 , 0.6738614 ], dtype=float32), array([0.          , 1.          , 0.8140528 , 0.746
0.80567205, 0.5851112 ], dtype=float32), array([0.          , 1.          , 0.69904906, 0.918
0.9869721 , 0.5538747 ], dtype=float32), array([0.          , 1.          , 0.61578125, 0.629
0.6462905 , 0.30072883], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99789256, 0.05616999, 0.26629826,
0.22142369, 0.9575559 ], dtype=float32), array([0.          , 1.          , 0.99750805, 0.311
0.46752053, 0.8622209 ], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.521
0.67084527, 0.8121152 ], dtype=float32), array([0.          , 1.          , 0.99415743, 0.668
0.77634096, 0.76818067], dtype=float32), array([0.          , 1.          , 0.9570375 , 0.794
0.921378 , 0.6731438 ], dtype=float32), array([0.          , 1.          , 0.85729086, 0.747
0.80650765, 0.5864895 ], dtype=float32), array([0.          , 1.          , 0.6798167 , 0.902250
0.5384063], dtype=float32), array([0.          , 1.          , 0.6526843, 0.9563515, 0.2517785,
0.5694803], dtype=float32), array([0.          , 1.          , 0.614394 , 0.62956154, 0.2319
0.6461438 , 0.3008558 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9979493 , 0.05613064, 0.26681936,
0.22182062, 0.9563241 ], dtype=float32), array([0.          , 1.          , 0.9976586 , 0.312
0.46373397, 0.86010814], dtype=float32), array([0.          , 1.          , 0.9974885 , 0.520
0.6705753 , 0.8129567 ], dtype=float32), array([0.          , 1.          , 0.9940428 , 0.668
0.7764412 , 0.76913005], dtype=float32), array([0.          , 1.          , 0.95230865, 0.794
0.9214004 , 0.67366236], dtype=float32), array([0.          , 1.          , 0.85121226, 0.747
0.8066124 , 0.58798134], dtype=float32), array([0.          , 1.          , 0.69097626, 0.901
0.9621453 , 0.5423212 ], dtype=float32), array([0.          , 1.          , 0.6579781 , 0.957

```



```

        0.9998628 , 0.5695354 ], dtype=float32), array([0.          , 1.          , 0.61716664, 0.629
        0.6462482 , 0.30021405], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99790895, 0.31312615, 0.24762854,
        0.46214366, 0.8594922 ], dtype=float32), array([0.          , 1.          , 0.99779165, 0.055
        0.22156236, 0.9545536 ], dtype=float32), array([0.          , 1.          , 0.99758446, 0.522
        0.67126036, 0.8139856 ], dtype=float32), array([0.          , 1.          , 0.9940428 , 0.668
        0.7762445 , 0.7675926 ], dtype=float32), array([0.          , 1.          , 0.9555686 , 0.794
        0.9213731 , 0.6748389 ], dtype=float32), array([0.          , 1.          , 0.8502201 , 0.747
        0.8063163 , 0.5882684 ], dtype=float32), array([0.          , 1.          , 0.71243227, 0.917
        0.9851979 , 0.5556029 ], dtype=float32), array([0.          , 1.          , 0.655777 , 0.956
        0.99993926, 0.56995654], dtype=float32), array([0.          , 1.          , 0.61855006, 0.629
        0.6459744 , 0.30062753], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9980276 , 0.31283405, 0.24718988,
        0.46209916, 0.8586279 ], dtype=float32), array([0.          , 1.          , 0.99743915, 0.522
        0.67150325, 0.8136522 ], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.054
        0.22047517, 0.9538609 ], dtype=float32), array([0.          , 1.          , 0.99373454, 0.668
        0.7763115 , 0.7679273 ], dtype=float32), array([0.          , 1.          , 0.9513234 , 0.794
        0.9212342 , 0.67294973], dtype=float32), array([0.          , 1.          , 0.83223665, 0.747
        0.80596924, 0.58937883], dtype=float32), array([0.          , 1.          , 0.8047131 , 0.918
        0.98789716, 0.5533266 ], dtype=float32), array([0.          , 1.          , 0.60533255, 0.630
        0.64636487, 0.30020756], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99804294, 0.31245786, 0.24804881,
        0.4632467 , 0.8589535 ], dtype=float32), array([0.          , 1.          , 0.997285 , 0.525
        0.67125016, 0.81473804], dtype=float32), array([0.          , 1.          , 0.99727446, 0.053
        0.22127217, 0.95437825], dtype=float32), array([0.          , 1.          , 0.99373454, 0.668
        0.7761828 , 0.7676991 ], dtype=float32), array([0.          , 1.          , 0.9533362 , 0.793
        0.92113 , 0.67520434], dtype=float32), array([0.          , 1.          , 0.8484707 , 0.747
        0.8059455 , 0.58711815], dtype=float32), array([0.          , 1.          , 0.75563705, 0.917
        0.9858707 , 0.55061716], dtype=float32), array([0.          , 1.          , 0.6383845 , 0.629
        0.64601487, 0.30058983], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1

```

2 2

Running Inference

```
[array([0.          , 1.          , 0.9980957 , 0.31267363, 0.24997285,
        0.46000177, 0.8599907 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.053
        0.22145075, 0.9529762 ], dtype=float32), array([0.          , 1.          , 0.997285 , 0.524
        0.6709019 , 0.81319714], dtype=float32), array([0.          , 1.          , 0.9938309 , 0.668
        0.7763284 , 0.7678602 ], dtype=float32), array([0.          , 1.          , 0.95013416, 0.794
        0.92100585, 0.6743193 ], dtype=float32), array([0.          , 1.          , 0.79881525, 0.746
        0.8048776 , 0.58677006], dtype=float32), array([0.          , 1.          , 0.7061904, 0.917996
        0.5503663], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99823856, 0.31383398, 0.2514962 ,
        0.45665374, 0.8597703 ], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.527
        0.6703784 , 0.8122139 ], dtype=float32), array([0.          , 1.          , 0.99729556, 0.052
        0.22146758, 0.9521374 ], dtype=float32), array([0.          , 1.          , 0.99385494, 0.668
        0.77627265, 0.7675173 ], dtype=float32), array([0.          , 1.          , 0.9511422 , 0.792
        0.9204263 , 0.67479384], dtype=float32), array([0.          , 1.          , 0.8210442 , 0.746
        0.80504143, 0.5843126 ], dtype=float32), array([0.          , 1.          , 0.78727776, 0.919
        0.9878079 , 0.55393356], dtype=float32), array([0.          , 1.          , 0.62543815, 0.629
        0.64588326, 0.30068046], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9983897 , 0.31317726, 0.24982402,
        0.45674953, 0.86114633], dtype=float32), array([0.          , 1.          , 0.9974885 , 0.529
        0.6709353 , 0.8111228 ], dtype=float32), array([0.          , 1.          , 0.9970765 , 0.052
        0.22150141, 0.95436144], dtype=float32), array([0.          , 1.          , 0.99433607, 0.668
        0.7766581 , 0.76693434], dtype=float32), array([0.          , 1.          , 0.9484418 , 0.793
        0.9211349 , 0.67325366], dtype=float32), array([0.          , 1.          , 0.7869505 , 0.746
        0.8047093 , 0.5852193 ], dtype=float32), array([0.          , 1.          , 0.7193836 , 0.919
        0.98664486, 0.5539541 ], dtype=float32), array([0.          , 1.          , 0.6533481 , 0.954
        0.99859226, 0.56894755], dtype=float32), array([0.          , 1.          , 0.61207783, 0.900
        0.9578041 , 0.53479505], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983059 , 0.31505936, 0.25097424,
        0.45244128, 0.86153597], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.531
        0.671537 , 0.81305015], dtype=float32), array([0.          , 1.          , 0.99701905, 0.052
        0.22200155, 0.9545372 ], dtype=float32), array([0.          , 1.          , 0.994292 , 0.668
```

```

0.7766342 , 0.7656559 ], dtype=float32), array([0.          , 1.          , 0.95379424, 0.794
0.9208522 , 0.6748129 ], dtype=float32), array([0.          , 1.          , 0.8074607 , 0.746
0.80483437, 0.5842354 ], dtype=float32), array([0.          , 1.          , 0.70007527, 0.955
0.9986199 , 0.5693376 ], dtype=float32), array([0.          , 1.          , 0.68320817, 0.919
0.985552  , 0.5543017 ], dtype=float32), array([0.          , 1.          , 0.6104535 , 0.629
0.64565396, 0.30006364], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983059 , 0.31405705, 0.25082082,
0.45247597, 0.86186713], dtype=float32), array([0.          , 1.          , 0.99694854, 0.053
0.22203553, 0.9569784 ], dtype=float32), array([0.          , 1.          , 0.9967524 , 0.531
0.6707508 , 0.81076694], dtype=float32), array([0.          , 1.          , 0.99433607, 0.668
0.7767231 , 0.76646715], dtype=float32), array([0.          , 1.          , 0.95077795, 0.794
0.9209843 , 0.67412585], dtype=float32), array([0.          , 1.          , 0.78365755, 0.746
0.8047608 , 0.58452696], dtype=float32), array([0.          , 1.          , 0.67490816, 0.954
0.99868715, 0.5688664 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984633 , 0.31112888, 0.23994488,
0.4517499 , 0.862055  ], dtype=float32), array([0.          , 1.          , 0.997065  , 0.053
0.22185731, 0.95467603], dtype=float32), array([0.          , 1.          , 0.99698395, 0.532
0.6711637 , 0.80795425], dtype=float32), array([0.          , 1.          , 0.99444515, 0.668
0.7768724 , 0.76649535], dtype=float32), array([0.          , 1.          , 0.953188  , 0.794
0.92095184, 0.6736276 ], dtype=float32), array([0.          , 1.          , 0.81017876, 0.747
0.8047416 , 0.5834854 ], dtype=float32), array([0.          , 1.          , 0.6649755 , 0.955
0.99878925, 0.5686339 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984812 , 0.3110346 , 0.23959813,
0.45101675, 0.8627571 ], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.531
0.67159134, 0.8086612 ], dtype=float32), array([0.          , 1.          , 0.9969246 , 0.052
0.22180805, 0.95942456], dtype=float32), array([0.          , 1.          , 0.99440175, 0.667
0.7766913 , 0.7656678 ], dtype=float32), array([0.          , 1.          , 0.9530133 , 0.795
0.920993  , 0.6736594 ], dtype=float32), array([0.          , 1.          , 0.7655934 , 0.746
0.8045238 , 0.5844535 ], dtype=float32), array([0.          , 1.          , 0.614394  , 0.956
0.9992129 , 0.5688213 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.9985335 , 0.31109756, 0.24065915,
        0.45127636, 0.8605709 ], dtype=float32), array([0.          , 1.          , 0.9978677, 0.526554
        0.810287 ], dtype=float32), array([0.          , 1.          , 0.99720997, 0.05259723, 0.2675
        0.22210056, 0.955837 ], dtype=float32), array([0.          , 1.          , 0.994089 , 0.667
        0.7766183 , 0.76543796], dtype=float32), array([0.          , 1.          , 0.95806944, 0.795
        0.92086613, 0.6736401 ], dtype=float32), array([0.          , 1.          , 0.78923374, 0.747
        0.8053665 , 0.58429575], dtype=float32), array([0.          , 1.          , 0.6651931 , 0.956
        0.9991146 , 0.5683261 ], dtype=float32), array([0.          , 1.          , 0.6048658 , 0.629
        0.64553714, 0.29866686], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985619 , 0.3110346 , 0.24004915,
        0.45168993, 0.8608848 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.528
        0.67153704, 0.80817276], dtype=float32), array([0.          , 1.          , 0.99724233, 0.050
        0.22228129, 0.9573288 ], dtype=float32), array([0.          , 1.          , 0.9940659 , 0.667
        0.7767435 , 0.765591 ], dtype=float32), array([0.          , 1.          , 0.9532751 , 0.795
        0.9210185 , 0.67301226], dtype=float32), array([0.          , 1.          , 0.7585107 , 0.746
        0.805117 , 0.5845215 ], dtype=float32), array([0.          , 1.          , 0.68489665, 0.955
        0.99869865, 0.568291 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998345 , 0.31115592, 0.23981032,
        0.45168078, 0.86112356], dtype=float32), array([0.          , 1.          , 0.9973374 , 0.048
        0.22711734, 0.9663537 ], dtype=float32), array([0.          , 1.          , 0.99596137, 0.528
        0.6715956 , 0.80786294], dtype=float32), array([0.          , 1.          , 0.994615 , 0.667
        0.7762403 , 0.7656356 ], dtype=float32), array([0.          , 1.          , 0.9565531 , 0.795
        0.92113143, 0.6731663 ], dtype=float32), array([0.          , 1.          , 0.79470384, 0.747
        0.806288 , 0.5843678 ], dtype=float32), array([0.          , 1.          , 0.6819386 , 0.955
        0.9988125 , 0.569988 ], dtype=float32), array([0.          , 1.          , 0.6277231 , 0.630
        0.64558846, 0.29752126], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9982039 , 0.3114267 , 0.23856068,
        0.4517185 , 0.86035955], dtype=float32), array([0.          , 1.          , 0.9975466 , 0.046
        0.22737423, 0.9674219 ], dtype=float32), array([0.          , 1.          , 0.9964894 , 0.530
        0.67150044, 0.80676544], dtype=float32), array([0.          , 1.          , 0.9944666 , 0.667
        0.77657205, 0.76617205], dtype=float32), array([0.          , 1.          , 0.95735765, 0.795
```

```

0.9209153 , 0.67415035], dtype=float32), array([0.          , 1.          , 0.76873326, 0.747
0.8062357 , 0.5874907 ], dtype=float32), array([0.          , 1.          , 0.6392858 , 0.956
0.99905103, 0.57031995], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981104 , 0.31166208, 0.23753965,
0.45184773, 0.8607291 ], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.044
0.22736631, 0.9655428 ], dtype=float32), array([0.          , 1.          , 0.99635005, 0.527
0.6720833 , 0.809757  ], dtype=float32), array([0.          , 1.          , 0.9947391 , 0.667
0.77637625, 0.76647043], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.796
0.92136395, 0.6729399 ], dtype=float32), array([0.          , 1.          , 0.7356416 , 0.746
0.8054716 , 0.58513325], dtype=float32), array([0.          , 1.          , 0.6793914 , 0.956
0.9990409 , 0.57079434], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981541 , 0.31213635, 0.23691344,
0.4512192 , 0.8614737 ], dtype=float32), array([0.          , 1.          , 0.9976859 , 0.043
0.22711846, 0.967754  ], dtype=float32), array([0.          , 1.          , 0.9952448 , 0.517
0.66980994, 0.8121785 ], dtype=float32), array([0.          , 1.          , 0.9945095 , 0.667
0.77663136, 0.7658402 ], dtype=float32), array([0.          , 1.          , 0.9549844 , 0.796
0.9207549 , 0.67339784], dtype=float32), array([0.          , 1.          , 0.6945099 , 0.956
0.99895126, 0.5700509 ], dtype=float32), array([0.          , 1.          , 0.6884684 , 0.745
0.8059871 , 0.58913827], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99808073, 0.31290233, 0.24608186,
0.45089608, 0.8632302 ], dtype=float32), array([0.          , 1.          , 0.9977393 , 0.044
0.22707245, 0.9656638 ], dtype=float32), array([0.          , 1.          , 0.99568534, 0.513
0.6681583 , 0.8192295 ], dtype=float32), array([0.          , 1.          , 0.9943141 , 0.667
0.7763146 , 0.76432014], dtype=float32), array([0.          , 1.          , 0.9548163 , 0.795
0.92131245, 0.673951  ], dtype=float32), array([0.          , 1.          , 0.79246426, 0.747
0.8068596 , 0.58832395], dtype=float32), array([0.          , 1.          , 0.6577583 , 0.956
0.99885106, 0.5721357 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998259  , 0.31410566, 0.24622822,
```

```

0.45022562, 0.8643868 ], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.044
0.22704953, 0.9677858 ], dtype=float32), array([0.          , 1.          , 0.9962638 , 0.510
0.6671111 , 0.82086766], dtype=float32), array([0.          , 1.          , 0.9939261 , 0.666
0.7769144 , 0.76585865], dtype=float32), array([0.          , 1.          , 0.9572778 , 0.796
0.92103595, 0.67383933], dtype=float32), array([0.          , 1.          , 0.7439129 , 0.743
0.80780685, 0.5962522 ], dtype=float32), array([0.          , 1.          , 0.6408607 , 0.956
0.99913377, 0.5701375 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981614 , 0.31443608, 0.24653715,
0.45009154, 0.8649071 ], dtype=float32), array([0.          , 1.          , 0.99770385, 0.044
0.22715034, 0.9668163 ], dtype=float32), array([0.          , 1.          , 0.9967013 , 0.508
0.666617 , 0.824052 ], dtype=float32), array([0.          , 1.          , 0.993807 , 0.666
0.77643186, 0.76445556], dtype=float32), array([0.          , 1.          , 0.9576754 , 0.796
0.9211957 , 0.67512804], dtype=float32), array([0.          , 1.          , 0.85293555, 0.745
0.8102469 , 0.59271204], dtype=float32), array([0.          , 1.          , 0.6570985 , 0.956
0.9990678 , 0.57056934], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9980957 , 0.31478047, 0.24572268,
0.44977522, 0.86447775], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.044
0.2266252 , 0.9681524 ], dtype=float32), array([0.          , 1.          , 0.99719906, 0.506
0.66662574, 0.82310605], dtype=float32), array([0.          , 1.          , 0.9936365 , 0.666
0.7772653 , 0.7651665 ], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.796503
0.674351 ], dtype=float32), array([0.          , 1.          , 0.8261515 , 0.7463486 , 0.2446
0.80788636, 0.588919 ], dtype=float32), array([0.          , 1.          , 0.69904906, 0.956
0.99903846, 0.56997305], dtype=float32), array([0.          , 1.          , 0.6004227 , 0.921
0.98308593, 0.55167496], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982039 , 0.3153566 , 0.24634787,
0.44964784, 0.8635564 ], dtype=float32), array([0.          , 1.          , 0.9975466 , 0.044
0.22672711, 0.96854824], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.504
0.6652879 , 0.82266676], dtype=float32), array([0.          , 1.          , 0.99368566, 0.665
0.7760309 , 0.7619062 ], dtype=float32), array([0.          , 1.          , 0.95759624, 0.796
0.9214774 , 0.67407 ], dtype=float32), array([0.          , 1.          , 0.85681236, 0.744
0.8099925 , 0.59324396], dtype=float32), array([0.          , 1.          , 0.72874826, 0.956
0.999188 , 0.5692315 ], dtype=float32)]
Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99821776, 0.31548575, 0.24623314,
        0.44946262, 0.86426353], dtype=float32), array([0.          , 1.          , 0.99749833, 0.044
        0.22693574, 0.96890956], dtype=float32), array([0.          , 1.          , 0.9970879 , 0.505
        0.6651692 , 0.8187618 ], dtype=float32), array([0.          , 1.          , 0.99378294, 0.665
        0.7765892 , 0.76342237], dtype=float32), array([0.          , 1.          , 0.96138906, 0.796
        0.92127043, 0.6752414 ], dtype=float32), array([0.          , 1.          , 0.80987823, 0.745
        0.80793285, 0.5871211 ], dtype=float32), array([0.          , 1.          , 0.720958 , 0.956
        0.9997785 , 0.5691587 ], dtype=float32), array([0.          , 1.          , 0.6095242 , 0.921
        0.98480105, 0.55158675], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99827254, 0.31601 , 0.24653828,
        0.44910663, 0.86478746], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.044
        0.22717369, 0.969025 ], dtype=float32), array([0.          , 1.          , 0.9967013 , 0.507
        0.6656191 , 0.8148755 ], dtype=float32), array([0.          , 1.          , 0.99358684, 0.666
        0.77726316, 0.7632734 ], dtype=float32), array([0.          , 1.          , 0.9599126 , 0.796
        0.92115504, 0.67475903], dtype=float32), array([0.          , 1.          , 0.831417 , 0.744
        0.8088998 , 0.5919125 ], dtype=float32), array([0.          , 1.          , 0.74761593, 0.956
        0.9997578 , 0.5695927 ], dtype=float32), array([0.          , 1.          , 0.60626537, 0.920
        0.9832262 , 0.5525934 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99837697, 0.31580588, 0.2467952 ,
        0.45001194, 0.8648859 ], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.044
        0.22731 , 0.96953183], dtype=float32), array([0.          , 1.          , 0.99664956, 0.507
        0.66575843, 0.8167545 ], dtype=float32), array([0.          , 1.          , 0.993807 , 0.666
        0.7769697 , 0.76297814], dtype=float32), array([0.          , 1.          , 0.9512329 , 0.796
        0.9212965 , 0.6722063 ], dtype=float32), array([0.          , 1.          , 0.7185944 , 0.743
        0.80857176, 0.59274495], dtype=float32), array([0.          , 1.          , 0.70962316, 0.956
        0.99982846, 0.5693543 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984269 , 0.31585333, 0.24739459,
        0.45052543, 0.86470115], dtype=float32), array([0.          , 1.          , 0.99773055, 0.044
        0.22756791, 0.96793306], dtype=float32), array([0.          , 1.          , 0.9960699 , 0.501
```

```

0.66497964, 0.816832 ], dtype=float32), array([0.          , 1.          , 0.9937588 , 0.666
0.7768038 , 0.76227254], dtype=float32), array([0.          , 1.          , 0.9531007 , 0.795
0.9207962 , 0.6718326 ], dtype=float32), array([0.          , 1.          , 0.73829186, 0.956
0.9994768 , 0.56939125], dtype=float32), array([0.          , 1.          , 0.7110298, 0.744071
0.592367 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99843305, 0.3158112 , 0.247156 ,
0.45114252, 0.86422896], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.044
0.22745696, 0.9686526 ], dtype=float32), array([0.          , 1.          , 0.9946774 , 0.495
0.66569036, 0.812511 ], dtype=float32), array([0.          , 1.          , 0.99401975, 0.665
0.77693444, 0.7641854 ], dtype=float32), array([0.          , 1.          , 0.95068645, 0.795
0.92073756, 0.6707128 ], dtype=float32), array([0.          , 1.          , 0.7102265 , 0.956
0.9996817 , 0.5690176 ], dtype=float32), array([0.          , 1.          , 0.6766199 , 0.744
0.80880916, 0.5941944 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99858415, 0.31612504, 0.24749526,
0.45151585, 0.86383045], dtype=float32), array([0.          , 1.          , 0.9976495 , 0.044
0.22740065, 0.9688474 ], dtype=float32), array([0.          , 1.          , 0.9952077 , 0.497
0.66615355, 0.817935 ], dtype=float32), array([0.          , 1.          , 0.994089 , 0.665
0.7764596 , 0.76545274], dtype=float32), array([0.          , 1.          , 0.9432431 , 0.795
0.9213638 , 0.67059946], dtype=float32), array([0.          , 1.          , 0.76418847, 0.744
0.81007296, 0.59416664], dtype=float32), array([0.          , 1.          , 0.717408 , 0.956
0.9998015 , 0.5714838 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985392 , 0.31608048, 0.24791226,
0.45150432, 0.8629397 ], dtype=float32), array([0.          , 1.          , 0.99759394, 0.044
0.22738919, 0.96855223], dtype=float32), array([0.          , 1.          , 0.9957353 , 0.498
0.66605854, 0.81752574], dtype=float32), array([0.          , 1.          , 0.9940659 , 0.665
0.77719563, 0.76659286], dtype=float32), array([0.          , 1.          , 0.9378969 , 0.794
0.9210307 , 0.67058176], dtype=float32), array([0.          , 1.          , 0.743168 , 0.744
0.80955124, 0.59321034], dtype=float32), array([0.          , 1.          , 0.68573904, 0.956
0.999917 , 0.5718195 ], dtype=float32), array([0.          , 1.          , 0.64198375, 0.897
0.9574713 , 0.5374254 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```



2 1

Running Inference

```
[array([0.          , 1.          , 0.9985392 , 0.3164274 , 0.24781093,
        0.45208293, 0.8616196 ], dtype=float32), array([0.          , 1.          , 0.99762183, 0.044
        0.2273178 , 0.96839064], dtype=float32), array([0.          , 1.          , 0.9961903 , 0.496
        0.6658462 , 0.82077396], dtype=float32), array([0.          , 1.          , 0.99437994, 0.665
        0.7770278 , 0.7660123 ], dtype=float32), array([0.          , 1.          , 0.9451974 , 0.794
        0.9211204 , 0.6723965 ], dtype=float32), array([0.          , 1.          , 0.7559975 , 0.746
        0.8111659 , 0.59408176], dtype=float32), array([0.          , 1.          , 0.75563705, 0.897
        0.9564146 , 0.5322018 ], dtype=float32), array([0.          , 1.          , 0.7017131 , 0.956
        0.9996794 , 0.57299644], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986168 , 0.31661776, 0.24660584,
        0.45255175, 0.86211395], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.044
        0.22738063, 0.9703139 ], dtype=float32), array([0.          , 1.          , 0.9961606 , 0.497
        0.6651962 , 0.8206444 ], dtype=float32), array([0.          , 1.          , 0.9942697 , 0.664
        0.77713984, 0.76692575], dtype=float32), array([0.          , 1.          , 0.9449947 , 0.795
        0.9209591 , 0.6716285 ], dtype=float32), array([0.          , 1.          , 0.7318258 , 0.747
        0.8085927 , 0.58831686], dtype=float32), array([0.          , 1.          , 0.72291833, 0.897
        0.9576435 , 0.5349023 ], dtype=float32), array([0.          , 1.          , 0.63906056, 0.955
        0.9996342 , 0.57256174], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998606 , 0.3168674 , 0.24757192,
        0.45258254, 0.86256933], dtype=float32), array([0.          , 1.          , 0.99783427, 0.044
        0.22748265, 0.96650064], dtype=float32), array([0.          , 1.          , 0.99499834, 0.501
        0.6651688 , 0.8167219 ], dtype=float32), array([0.          , 1.          , 0.99482024, 0.664
        0.77691823, 0.7669188 ], dtype=float32), array([0.          , 1.          , 0.94261247, 0.793
        0.9208769 , 0.67119825], dtype=float32), array([0.          , 1.          , 0.8565725 , 0.747
        0.80916756, 0.5831513 ], dtype=float32), array([0.          , 1.          , 0.7839885 , 0.898
        0.95898086, 0.53611076], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983834 , 0.31672654, 0.2481195 ,
        0.45183995, 0.863147 ], dtype=float32), array([0.          , 1.          , 0.9977569 , 0.044
        0.2275961 , 0.9684052 ], dtype=float32), array([0.          , 1.          , 0.99457306, 0.664
        0.777272 , 0.7670994 ], dtype=float32), array([0.          , 1.          , 0.99385494, 0.504
        0.66588825, 0.817833 ], dtype=float32), array([0.          , 1.          , 0.9402434 , 0.793
```

```

    0.92044055, 0.6694949 ], dtype=float32), array([0.          , 1.          , 0.8253084 , 0.897
    0.95847905, 0.53746116], dtype=float32), array([0.          , 1.          , 0.8210442 , 0.747
    0.8084344 , 0.5843669 ], dtype=float32), array([0.          , 1.          , 0.6022955, 0.949205
    0.5605254], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984988 , 0.31679285, 0.24881616,
    0.45125473, 0.86120665], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.045
    0.22755048, 0.9674127 ], dtype=float32), array([0.          , 1.          , 0.9946568 , 0.664
    0.7778455 , 0.7671689 ], dtype=float32), array([0.          , 1.          , 0.99459416, 0.513
    0.6691407 , 0.8112737 ], dtype=float32), array([0.          , 1.          , 0.94068086, 0.793
    0.9213253 , 0.6698126 ], dtype=float32), array([0.          , 1.          , 0.83682144, 0.747
    0.80905545, 0.5844387 ], dtype=float32), array([0.          , 1.          , 0.813757 , 0.898
    0.9587292 , 0.53912294], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99847525, 0.31622332, 0.24875888,
    0.45138955, 0.86150074], dtype=float32), array([0.          , 1.          , 0.99783427, 0.045
    0.22799572, 0.9675528 ], dtype=float32), array([0.          , 1.          , 0.99528164, 0.510
    0.67044985, 0.81321657], dtype=float32), array([0.          , 1.          , 0.99433607, 0.664
    0.77801883, 0.76831484], dtype=float32), array([0.          , 1.          , 0.9383503 , 0.793
    0.92087746, 0.66999996], dtype=float32), array([0.          , 1.          , 0.81017876, 0.747
    0.8081869 , 0.58527374], dtype=float32), array([0.          , 1.          , 0.79342633, 0.896
    0.95798206, 0.539491 ], dtype=float32), array([0.          , 1.          , 0.61508787, 0.949
    0.9992664 , 0.5726988 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99850464, 0.3155061 , 0.25041506,
    0.45130742, 0.862036 ], dtype=float32), array([0.          , 1.          , 0.9976586 , 0.045
    0.22769758, 0.96870184], dtype=float32), array([0.          , 1.          , 0.9961903 , 0.510
    0.6715563 , 0.81549 ], dtype=float32), array([0.          , 1.          , 0.994292 , 0.664
    0.77816075, 0.7675829 ], dtype=float32), array([0.          , 1.          , 0.94143915, 0.793
    0.9208923 , 0.66906524], dtype=float32), array([0.          , 1.          , 0.8677098 , 0.747
    0.8095842 , 0.58693266], dtype=float32), array([0.          , 1.          , 0.8000679 , 0.897
    0.95786643, 0.5393209 ], dtype=float32), array([0.          , 1.          , 0.6649755 , 0.949
    0.9986351 , 0.5615452 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1

```

2 1

Running Inference

```
[array([0.          , 1.          , 0.99827933, 0.3132226 , 0.25181052,
        0.45127702, 0.8649639 ], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.045
        0.22791013, 0.96904504], dtype=float32), array([0.          , 1.          , 0.9963924 , 0.512
        0.6718063 , 0.81585073], dtype=float32), array([0.          , 1.          , 0.99361163, 0.664
        0.7774616 , 0.76630163], dtype=float32), array([0.          , 1.          , 0.9393595 , 0.793
        0.9205149 , 0.66875726], dtype=float32), array([0.          , 1.          , 0.8074607 , 0.747
        0.80921125, 0.58850896], dtype=float32), array([0.          , 1.          , 0.78066254, 0.895
        0.95627826, 0.5396553 ], dtype=float32), array([0.          , 1.          , 0.69014156, 0.949
        0.9987444 , 0.5603886 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99864894, 0.31002885, 0.23995474,
        0.45056403, 0.86186755], dtype=float32), array([0.          , 1.          , 0.997783 , 0.045
        0.22876763, 0.96717376], dtype=float32), array([0.          , 1.          , 0.9965166 , 0.509
        0.6719681 , 0.81827354], dtype=float32), array([0.          , 1.          , 0.99356186, 0.664
        0.77787733, 0.7666373 ], dtype=float32), array([0.          , 1.          , 0.95630896, 0.795
        0.91996527, 0.67068183], dtype=float32), array([0.          , 1.          , 0.8921874 , 0.748
        0.8108968 , 0.59055775], dtype=float32), array([0.          , 1.          , 0.8047131 , 0.895
        0.95723414, 0.537066  ], dtype=float32), array([0.          , 1.          , 0.68594944, 0.954
        0.9994163 , 0.57391924], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987257 , 0.3091596 , 0.24079275,
        0.45045164, 0.8619771 ], dtype=float32), array([0.          , 1.          , 0.99789256, 0.045
        0.22925314, 0.9669591 ], dtype=float32), array([0.          , 1.          , 0.9970421 , 0.510
        0.6721677 , 0.81782085], dtype=float32), array([0.          , 1.          , 0.9935369 , 0.664
        0.777528 , 0.7671642 ], dtype=float32), array([0.          , 1.          , 0.95647186, 0.795
        0.9198463 , 0.67071706], dtype=float32), array([0.          , 1.          , 0.89143354, 0.749
        0.8106014 , 0.5880184 ], dtype=float32), array([0.          , 1.          , 0.7793219 , 0.895
        0.9567677 , 0.5369434 ], dtype=float32), array([0.          , 1.          , 0.68679035, 0.955
        0.99951303, 0.5738622 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9988305 , 0.30910748, 0.24189198,
        0.450055 , 0.86277306], dtype=float32), array([0.          , 1.          , 0.9980354 , 0.045
        0.22933453, 0.96688324], dtype=float32), array([0.          , 1.          , 0.9972531 , 0.512
        0.6728363 , 0.8170223 ], dtype=float32), array([0.          , 1.          , 0.99378294, 0.664
```

```

0.77778894, 0.7672132 ], dtype=float32), array([0.          , 1.          , 0.95775455, 0.795
0.9200987 , 0.67006147], dtype=float32), array([0.          , 1.          , 0.89405173, 0.749
0.8111052 , 0.59395456], dtype=float32), array([0.          , 1.          , 0.8003802 , 0.895
0.9561192 , 0.5339975 ], dtype=float32), array([0.          , 1.          , 0.6761924 , 0.950
0.9989403 , 0.56024265], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988531 , 0.30901843, 0.24074745,
0.4500038 , 0.8613709 ], dtype=float32), array([0.          , 1.          , 0.997851 , 0.047
0.2288922 , 0.96869993], dtype=float32), array([0.          , 1.          , 0.99712163, 0.512
0.67257446, 0.81494987], dtype=float32), array([0.          , 1.          , 0.993807 , 0.665
0.7781649 , 0.7668034 ], dtype=float32), array([0.          , 1.          , 0.9530133 , 0.793
0.92040586, 0.670731 ], dtype=float32), array([0.          , 1.          , 0.89823216, 0.748
0.80998576, 0.593263 ], dtype=float32), array([0.          , 1.          , 0.6980208 , 0.893
0.95466864, 0.53137684], dtype=float32), array([0.          , 1.          , 0.66432256, 0.949
0.99911374, 0.559096 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998884 , 0.30926928, 0.24072808,
0.45008954, 0.86174566], dtype=float32), array([0.          , 1.          , 0.9974191 , 0.048
0.22835723, 0.96895623], dtype=float32), array([0.          , 1.          , 0.99701905, 0.509
0.67185676, 0.8169192 ], dtype=float32), array([0.          , 1.          , 0.99361163, 0.664
0.77884847, 0.76643276], dtype=float32), array([0.          , 1.          , 0.9509604, 0.793712
0.6701262], dtype=float32), array([0.          , 1.          , 0.9051548 , 0.74721986, 0.2488
0.81119496, 0.5912449 ], dtype=float32), array([0.          , 1.          , 0.7037531 , 0.949
0.99898905, 0.55937123], dtype=float32), array([0.          , 1.          , 0.6187805 , 0.894
0.95405936, 0.5285661 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998884 , 0.30983633, 0.24123362,
0.44912982, 0.86206925], dtype=float32), array([0.          , 1.          , 0.99696034, 0.509
0.67198366, 0.8162615 ], dtype=float32), array([0.          , 1.          , 0.9969246 , 0.050
0.2227951 , 0.95590115], dtype=float32), array([0.          , 1.          , 0.99317604, 0.665
0.77922606, 0.7669908 ], dtype=float32), array([0.          , 1.          , 0.94143915, 0.792
0.92063546, 0.66989285], dtype=float32), array([0.          , 1.          , 0.8617711 , 0.746
0.8111054 , 0.5913214 ], dtype=float32), array([0.          , 1.          , 0.70679796, 0.949
0.9989909 , 0.5604726 ], dtype=float32), array([0.          , 1.          , 0.6723317 , 0.896
0.95325327, 0.5276944 ], dtype=float32)]
Total People in frame = 8

```

```

Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99890125, 0.30987084, 0.23982927,
        0.44870263, 0.8611046 ], dtype=float32), array([0.          , 1.          , 0.99758446, 0.510
        0.673115  , 0.81417227], dtype=float32), array([0.          , 1.          , 0.99718815, 0.051
        0.222526  , 0.9538447 ], dtype=float32), array([0.          , 1.          , 0.9931496 , 0.664
        0.7793766 , 0.76628506], dtype=float32), array([0.          , 1.          , 0.9237301 , 0.791
        0.92102706, 0.6674191 ], dtype=float32), array([0.          , 1.          , 0.8929365 , 0.746
        0.8122936 , 0.5938014 ], dtype=float32), array([0.          , 1.          , 0.74428475, 0.894
        0.9547622 , 0.5348582 ], dtype=float32), array([0.          , 1.          , 0.7041601 , 0.955
        0.999374  , 0.57378715], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988708 , 0.3098304 , 0.23855591,
        0.44875714, 0.862141  ], dtype=float32), array([0.          , 1.          , 0.99712163, 0.506
        0.6724372 , 0.81360686], dtype=float32), array([0.          , 1.          , 0.9970879 , 0.052
        0.22186536, 0.9544122 ], dtype=float32), array([0.          , 1.          , 0.99304235, 0.665
        0.77941567, 0.7666888 ], dtype=float32), array([0.          , 1.          , 0.9235924 , 0.790
        0.92179006, 0.6700341 ], dtype=float32), array([0.          , 1.          , 0.87364674, 0.746
        0.8115595 , 0.59312  ], dtype=float32), array([0.          , 1.          , 0.72681355, 0.949
        0.99891394, 0.56071067], dtype=float32), array([0.          , 1.          , 0.6522414 , 0.896
        0.95273685, 0.5286764 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998844  , 0.30998874, 0.23841718,
        0.44817805, 0.86239827], dtype=float32), array([0.          , 1.          , 0.9973684 , 0.054
        0.22233006, 0.9561511 ], dtype=float32), array([0.          , 1.          , 0.9971551 , 0.507
        0.6729771 , 0.8126992 ], dtype=float32), array([0.          , 1.          , 0.9915216 , 0.664
        0.78172165, 0.76758814], dtype=float32), array([0.          , 1.          , 0.90974677, 0.786
        0.9214912 , 0.6720382 ], dtype=float32), array([0.          , 1.          , 0.8346766 , 0.744
        0.81337434, 0.5946892 ], dtype=float32), array([0.          , 1.          , 0.7279754 , 0.898
        0.95397365, 0.5298198 ], dtype=float32), array([0.          , 1.          , 0.70089483, 0.950
        0.99894196, 0.56112385], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988531 , 0.309981  , 0.23916504,
        0.44831204, 0.86259794], dtype=float32), array([0.          , 1.          , 0.9975751 , 0.054

```

```

0.2222001 , 0.9563976 ], dtype=float32), array([0.          , 1.          , 0.99749833, 0.502
0.6707705 , 0.81637824], dtype=float32), array([0.          , 1.          , 0.99040353, 0.665
0.78442883, 0.76854306], dtype=float32), array([0.          , 1.          , 0.90414387, 0.781
0.91712654, 0.6635096 ], dtype=float32), array([0.          , 1.          , 0.81873685, 0.745
0.8141585 , 0.5934025 ], dtype=float32), array([0.          , 1.          , 0.71780384, 0.949
0.99884975, 0.5614175 ], dtype=float32), array([0.          , 1.          , 0.7017131 , 0.899
0.9537973 , 0.5265767 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99883956, 0.3096621 , 0.23872334,
0.44858885, 0.8630397 ], dtype=float32), array([0.          , 1.          , 0.99762183, 0.055
0.22198072, 0.9605      ], dtype=float32), array([0.          , 1.          , 0.9973374 , 0.501
0.6691382 , 0.81319344], dtype=float32), array([0.          , 1.          , 0.9882222 , 0.665
0.7877386 , 0.7672818 ], dtype=float32), array([0.          , 1.          , 0.9103862 , 0.779
0.916586 , 0.66471153], dtype=float32), array([0.          , 1.          , 0.84104395, 0.745
0.815311 , 0.59461915], dtype=float32), array([0.          , 1.          , 0.7364006 , 0.949
0.99880886, 0.56144685], dtype=float32), array([0.          , 1.          , 0.640411 , 0.898
0.9532448 , 0.5258849 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9988167 , 0.30948538, 0.23915836,
0.44898993, 0.8630785 ], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.055
0.22202902, 0.9597301 ], dtype=float32), array([0.          , 1.          , 0.99750805, 0.503
0.6686064 , 0.81570816], dtype=float32), array([0.          , 1.          , 0.9876758 , 0.664
0.7886325 , 0.7654271 ], dtype=float32), array([0.          , 1.          , 0.9064877 , 0.781
0.91657037, 0.66312987], dtype=float32), array([0.          , 1.          , 0.83761996, 0.744
0.8140992 , 0.5929922 ], dtype=float32), array([0.          , 1.          , 0.7769616 , 0.948
0.99883085, 0.55948806], dtype=float32), array([0.          , 1.          , 0.6106857 , 0.898
0.9521315 , 0.5236817 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987405 , 0.30954397, 0.24033216,
0.44832832, 0.8622601 ], dtype=float32), array([0.          , 1.          , 0.99766773, 0.504
0.6686757 , 0.8157785 ], dtype=float32), array([0.          , 1.          , 0.9975656 , 0.054
0.22212645, 0.9581173 ], dtype=float32), array([0.          , 1.          , 0.989791 , 0.665
0.78790367, 0.7674661 ], dtype=float32), array([0.          , 1.          , 0.9164093 , 0.789
0.92126596, 0.6695701 ], dtype=float32), array([0.          , 1.          , 0.78890866, 0.948
0.99871546, 0.5599829 ], dtype=float32), array([0.          , 1.          , 0.7534667 , 0.743
0.8123333 , 0.5918114 ], dtype=float32)]

```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987503 , 0.3094589 , 0.24112299,
        0.44818902, 0.8622391 ], dtype=float32), array([0.          , 1.          , 0.99793327, 0.506
        0.6705827 , 0.81528765], dtype=float32), array([0.          , 1.          , 0.9973684 , 0.054
        0.22207293, 0.955631  ], dtype=float32), array([0.          , 1.          , 0.9913892 , 0.664
        0.786582  , 0.77023494], dtype=float32), array([0.          , 1.          , 0.9287973 , 0.791
        0.9211549 , 0.6692439 ], dtype=float32), array([0.          , 1.          , 0.7876047 , 0.948
        0.99873817, 0.5596465 ], dtype=float32), array([0.          , 1.          , 0.6399611 , 0.743
        0.81173134, 0.59323716], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987356 , 0.30936125, 0.24149871,
        0.44720683, 0.8624556 ], dtype=float32), array([0.          , 1.          , 0.99789256, 0.510
        0.6708931 , 0.81475854], dtype=float32), array([0.          , 1.          , 0.9970421 , 0.052
        0.22202235, 0.95516104], dtype=float32), array([0.          , 1.          , 0.9927672 , 0.664
        0.78866756, 0.77189326], dtype=float32), array([0.          , 1.          , 0.9235924, 0.790100
        0.6700864 ], dtype=float32), array([0.          , 1.          , 0.7975568 , 0.9474158 , 0.2274
        0.998845  , 0.55941707], dtype=float32), array([0.          , 1.          , 0.6001884 , 0.743
        0.81232   , 0.5928474 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987207 , 0.3092984 , 0.24076799,
        0.44698924, 0.86277187], dtype=float32), array([0.          , 1.          , 0.9977216 , 0.512
        0.6706563 , 0.8160396 ], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.052
        0.2221133 , 0.9543669 ], dtype=float32), array([0.          , 1.          , 0.9933072 , 0.665
        0.7915784 , 0.7735683 ], dtype=float32), array([0.          , 1.          , 0.9217811 , 0.789
        0.92208457, 0.67226464], dtype=float32), array([0.          , 1.          , 0.8050198 , 0.947
        0.99876606, 0.560136  ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987453 , 0.30954725, 0.24169704,
        0.44553435, 0.86279035], dtype=float32), array([0.          , 1.          , 0.9975177 , 0.518
        0.67151827, 0.81444573], dtype=float32), array([0.          , 1.          , 0.9972638 , 0.052
        0.22181459, 0.9526981 ], dtype=float32), array([0.          , 1.          , 0.9932025 , 0.665
        0.79083174, 0.7739643 ], dtype=float32), array([0.          , 1.          , 0.92656994, 0.790

```

```

        0.92229414, 0.67229146], dtype=float32), array([0.          , 1.          , 0.79342633, 0.946
        0.99893194, 0.56104064], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987405 , 0.3093568 , 0.24244946,
        0.44543028, 0.8628078 ], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.526
        0.6726903 , 0.80997914], dtype=float32), array([0.          , 1.          , 0.9970765 , 0.051
        0.22190803, 0.9534866 ], dtype=float32), array([0.          , 1.          , 0.99351174, 0.664
        0.79177105, 0.7731825 ], dtype=float32), array([0.          , 1.          , 0.92262185, 0.791
        0.92219985, 0.6720239 ], dtype=float32), array([0.          , 1.          , 0.8441522 , 0.934
        0.9992263 , 0.5619631 ], dtype=float32), array([0.          , 1.          , 0.6004227 , 0.743
        0.81268024, 0.5924151 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987257 , 0.30968708, 0.24282628,
        0.44472134, 0.8642078 ], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.529
        0.6729381 , 0.809453 ], dtype=float32), array([0.          , 1.          , 0.9970305 , 0.051
        0.2223436 , 0.9535916 ], dtype=float32), array([0.          , 1.          , 0.99304235, 0.664
        0.79479843, 0.7721523 ], dtype=float32), array([0.          , 1.          , 0.9103862 , 0.789
        0.92182535, 0.6711366 ], dtype=float32), array([0.          , 1.          , 0.8441522 , 0.935
        0.99973774, 0.56184226], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99869555, 0.30970436, 0.24270189,
        0.44369435, 0.86332536], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.051
        0.22266963, 0.95279264], dtype=float32), array([0.          , 1.          , 0.9970073 , 0.530
        0.6733429 , 0.8088828 ], dtype=float32), array([0.          , 1.          , 0.99187535, 0.665
        0.7920661 , 0.7724962 ], dtype=float32), array([0.          , 1.          , 0.9312127, 0.792108
        0.670716 ], dtype=float32), array([0.          , 1.          , 0.8399967 , 0.93497306, 0.2379
        0.9998018 , 0.5651859 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987056 , 0.3095994 , 0.24379432,
        0.44399565, 0.86264753], dtype=float32), array([0.          , 1.          , 0.9972638 , 0.052
        0.22269192, 0.95100415], dtype=float32), array([0.          , 1.          , 0.9970765 , 0.530
        0.67344874, 0.80932474], dtype=float32), array([0.          , 1.          , 0.9931229 , 0.665

```



```

0.7883054 , 0.7730167 ], dtype=float32), array([0.          , 1.          , 0.94891727, 0.795
0.9227567 , 0.6729475 ], dtype=float32), array([0.          , 1.          , 0.85729086, 0.936
0.99937797, 0.5629634 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985335 , 0.3094384 , 0.24392647,
0.44353962, 0.8625154 ], dtype=float32), array([0.          , 1.          , 0.99743915, 0.053
0.22239316, 0.95214117], dtype=float32), array([0.          , 1.          , 0.9971771 , 0.530
0.67320704, 0.80974066], dtype=float32), array([0.          , 1.          , 0.99025387, 0.663
0.7862215 , 0.77180266], dtype=float32), array([0.          , 1.          , 0.9528382 , 0.796
0.9227473 , 0.674157 ], dtype=float32), array([0.          , 1.          , 0.86681044, 0.935
0.9990976 , 0.5627917 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99847525, 0.3094023 , 0.24406263,
0.44318306, 0.86273456], dtype=float32), array([0.          , 1.          , 0.9975177 , 0.530
0.6733342 , 0.8084887 ], dtype=float32), array([0.          , 1.          , 0.99750805, 0.053
0.2223086 , 0.9521766 ], dtype=float32), array([0.          , 1.          , 0.99094474, 0.663
0.7844192 , 0.77091634], dtype=float32), array([0.          , 1.          , 0.9589242 , 0.797
0.92326295, 0.6751735 ], dtype=float32), array([0.          , 1.          , 0.9046505 , 0.934
0.99832904, 0.56093085], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983897 , 0.30940735, 0.2446231 ,
0.44403344, 0.86193717], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.053
0.2222799 , 0.95320404], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.531
0.67324996, 0.8062017 ], dtype=float32), array([0.          , 1.          , 0.9925103 , 0.664
0.7854846 , 0.77128994], dtype=float32), array([0.          , 1.          , 0.9589242 , 0.797
0.92342484, 0.6747313 ], dtype=float32), array([0.          , 1.          , 0.9263037 , 0.933
0.9974097 , 0.55972415], dtype=float32), array([0.          , 1.          , 0.62039167, 0.630
0.64621276, 0.30081856], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99849296, 0.30908996, 0.24563456,
0.44465935, 0.8609849 ], dtype=float32), array([0.          , 1.          , 0.9973684 , 0.052
0.22244264, 0.95158064], dtype=float32), array([0.          , 1.          , 0.99731654, 0.531

```

```

0.674158 , 0.80558515], dtype=float32), array([0. , 1. , 0.99415743, 0.663
0.7856791 , 0.7733867 ], dtype=float32), array([0. , 1. , 0.9596866 , 0.797
0.92326903, 0.6747276 ], dtype=float32), array([0. , 1. , 0.8992984 , 0.933
0.99703205, 0.5620529 ], dtype=float32), array([0. , 1. , 0.6334103 , 0.630
0.64598984, 0.30086106], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0. , 1. , 0.9983834 , 0.30905518, 0.24533918,
0.445788 , 0.8628794 ], dtype=float32), array([0. , 1. , 0.9972638 , 0.050
0.22258493, 0.9509483 ], dtype=float32), array([0. , 1. , 0.99698395, 0.529
0.6735675 , 0.80467486], dtype=float32), array([0. , 1. , 0.9946568 , 0.664
0.784672 , 0.77484024], dtype=float32), array([0. , 1. , 0.9641868 , 0.798
0.9234068 , 0.6771842 ], dtype=float32), array([0. , 1. , 0.8944212 , 0.933
0.9964477 , 0.56239414], dtype=float32), array([0. , 1. , 0.6217706 , 0.629
0.6456289 , 0.3021865 ], dtype=float32), array([0. , 1. , 0.61647415, 0.900
0.95588773, 0.52649474], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0. , 1. , 0.9983059 , 0.30891946, 0.24586827,
0.44693342, 0.8625873 ], dtype=float32), array([0. , 1. , 0.99740905, 0.528
0.6729899 , 0.8065341 ], dtype=float32), array([0. , 1. , 0.9972638 , 0.049
0.22746074, 0.9660225 ], dtype=float32), array([0. , 1. , 0.99317604, 0.665
0.7830378 , 0.778114 ], dtype=float32), array([0. , 1. , 0.9668514 , 0.798
0.92343676, 0.6780719 ], dtype=float32), array([0. , 1. , 0.9238675 , 0.933
0.9967755 , 0.5605779 ], dtype=float32), array([0. , 1. , 0.6109178 , 0.629
0.64623886, 0.30275378], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0. , 1. , 0.9982993 , 0.3085564 , 0.2466622 ,
0.44806775, 0.8631554 ], dtype=float32), array([0. , 1. , 0.9976586 , 0.048
0.22801784, 0.9665661 ], dtype=float32), array([0. , 1. , 0.9975751 , 0.527
0.67236495, 0.80741 ], dtype=float32), array([0. , 1. , 0.99358684, 0.665
0.7831534 , 0.7774199 ], dtype=float32), array([0. , 1. , 0.9639839 , 0.797
0.923122 , 0.67770344], dtype=float32), array([0. , 1. , 0.94853723, 0.933
0.99728507, 0.5603027 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.99821776, 0.3084872 , 0.24735183,
        0.44879612, 0.8600376 ], dtype=float32), array([0.          , 1.          , 0.99788433, 0.047
        0.22835681, 0.9666344 ], dtype=float32), array([0.          , 1.          , 0.997285 , 0.527
        0.671911 , 0.80590093], dtype=float32), array([0.          , 1.          , 0.99333304, 0.666
        0.7827703 , 0.77630335], dtype=float32), array([0.          , 1.          , 0.9637117, 0.797213
        0.6780074], dtype=float32), array([0.          , 1.          , 0.94035304, 0.93435925, 0.2239
        0.997464 , 0.56053966], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981828 , 0.3083577 , 0.24721622,
        0.44819638, 0.8599955 ], dtype=float32), array([0.          , 1.          , 0.9978258 , 0.046
        0.22853954, 0.96709 ], dtype=float32), array([0.          , 1.          , 0.9974788 , 0.526
        0.6721634 , 0.80602753], dtype=float32), array([0.          , 1.          , 0.99459416, 0.666
        0.78158 , 0.7759775 ], dtype=float32), array([0.          , 1.          , 0.96210754, 0.795
        0.9234812 , 0.67796355], dtype=float32), array([0.          , 1.          , 0.9051548 , 0.937
        0.99801683, 0.5599584 ], dtype=float32), array([0.          , 1.          , 0.7567174 , 0.902
        0.95291406, 0.47431543], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99823856, 0.30782926, 0.24666324,
        0.44893515, 0.8597194 ], dtype=float32), array([0.          , 1.          , 0.99788433, 0.046
        0.22861063, 0.9670503 ], dtype=float32), array([0.          , 1.          , 0.997537 , 0.525
        0.6721654 , 0.8059535 ], dtype=float32), array([0.          , 1.          , 0.99433607, 0.665
        0.7820833 , 0.7764828 ], dtype=float32), array([0.          , 1.          , 0.96267307, 0.795
        0.92352265, 0.67695844], dtype=float32), array([0.          , 1.          , 0.8558512 , 0.939
        0.9981793 , 0.5573137 ], dtype=float32), array([0.          , 1.          , 0.7390459 , 0.903
        0.95377725, 0.46536234], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99835795, 0.3074311 , 0.2464711 ,
        0.44871628, 0.85872704], dtype=float32), array([0.          , 1.          , 0.9980045 , 0.045
        0.2289642 , 0.96551263], dtype=float32), array([0.          , 1.          , 0.997537 , 0.526
        0.67196095, 0.80606675], dtype=float32), array([0.          , 1.          , 0.9942697 , 0.664
        0.7821262 , 0.77745783], dtype=float32), array([0.          , 1.          , 0.9657707 , 0.795
        0.92314875, 0.6773654 ], dtype=float32), array([0.          , 1.          , 0.887009 , 0.935
        0.996404 , 0.5635097 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984269 , 0.3074173 , 0.2463344 ,
        0.44851974, 0.8576791 ], dtype=float32), array([0.          , 1.          , 0.99779165, 0.045
        0.22892535, 0.9662782 ], dtype=float32), array([0.          , 1.          , 0.9971439 , 0.527
        0.67227477, 0.8053802 ], dtype=float32), array([0.          , 1.          , 0.99444515, 0.664
        0.7806631 , 0.7742814 ], dtype=float32), array([0.          , 1.          , 0.9646559 , 0.795
        0.9226969 , 0.67847085], dtype=float32), array([0.          , 1.          , 0.82218915, 0.935
        0.99542606, 0.5632491 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99852777, 0.30730107, 0.24634555,
        0.44815913, 0.8571943 ], dtype=float32), array([0.          , 1.          , 0.9977569 , 0.045
        0.2286488 , 0.96603   ], dtype=float32), array([0.          , 1.          , 0.9962346 , 0.530
        0.6722127 , 0.8068017 ], dtype=float32), array([0.          , 1.          , 0.9953904 , 0.664
        0.7788428 , 0.7733083 ], dtype=float32), array([0.          , 1.          , 0.9631613 , 0.796
        0.92232263, 0.6781536 ], dtype=float32), array([0.          , 1.          , 0.754915 , 0.950
        0.9982374 , 0.56794566], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986594 , 0.30690688, 0.24525493,
        0.4472912 , 0.8579295 ], dtype=float32), array([0.          , 1.          , 0.9977216 , 0.045
        0.22822832, 0.9660594 ], dtype=float32), array([0.          , 1.          , 0.99554896, 0.664
        0.7775482 , 0.7720642 ], dtype=float32), array([0.          , 1.          , 0.9952077 , 0.531
        0.67168486, 0.806406  ], dtype=float32), array([0.          , 1.          , 0.96518475, 0.796
        0.9217309 , 0.67751455], dtype=float32), array([0.          , 1.          , 0.7505528 , 0.950
        0.9986733 , 0.56461686], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99877447, 0.30675423, 0.24514648,
        0.44780844, 0.85803795], dtype=float32), array([0.          , 1.          , 0.99771273, 0.045
        0.22789167, 0.9633748 ], dtype=float32), array([0.          , 1.          , 0.9955316 , 0.531
        0.67163855, 0.80676216], dtype=float32), array([0.          , 1.          , 0.9951325 , 0.664
        0.7780627 , 0.7725632 ], dtype=float32), array([0.          , 1.          , 0.9668514 , 0.796
        0.9217263 , 0.6778439 ], dtype=float32), array([0.          , 1.          , 0.7345005 , 0.955
        0.99949497, 0.56808686], dtype=float32), array([0.          , 1.          , 0.60346454, 0.739
        0.8056925 , 0.5977094 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99880743, 0.3067417 , 0.24477315,
        0.4475826 , 0.8582336 ], dtype=float32), array([0.          , 1.          , 0.9976859 , 0.045
        0.22783181, 0.96614313], dtype=float32), array([0.          , 1.          , 0.9957848 , 0.531
        0.6710004 , 0.80701566], dtype=float32), array([0.          , 1.          , 0.9949397 , 0.665
        0.7776101 , 0.7721252 ], dtype=float32), array([0.          , 1.          , 0.9680808 , 0.796
        0.9215725 , 0.67888606], dtype=float32), array([0.          , 1.          , 0.7435406 , 0.956
        0.9994206 , 0.5687201 ], dtype=float32), array([0.          , 1.          , 0.6130049 , 0.739
        0.8060903 , 0.5981655 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9988121 , 0.30673766, 0.2439254 ,
        0.44719398, 0.8586076 ], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.045
        0.22817701, 0.9663087 ], dtype=float32), array([0.          , 1.          , 0.99566853, 0.531
        0.67151946, 0.8073437 ], dtype=float32), array([0.          , 1.          , 0.99490017, 0.665
        0.77711725, 0.77251625], dtype=float32), array([0.          , 1.          , 0.9658996 , 0.796
        0.92098427, 0.67872244], dtype=float32), array([0.          , 1.          , 0.8149382 , 0.957
        0.9998101 , 0.5657719 ], dtype=float32), array([0.          , 1.          , 0.7302898 , 0.741
        0.8063791 , 0.59876466], dtype=float32), array([0.          , 1.          , 0.6199316 , 0.933
        0.97193223, 0.3539441 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9988305 , 0.30720612, 0.24475086,
        0.4471883 , 0.8588481 ], dtype=float32), array([0.          , 1.          , 0.9977393 , 0.045
        0.22817196, 0.9663759 ], dtype=float32), array([0.          , 1.          , 0.9956006 , 0.531
        0.67190045, 0.80539024], dtype=float32), array([0.          , 1.          , 0.99499834, 0.665
        0.7767997 , 0.77173936], dtype=float32), array([0.          , 1.          , 0.96544635, 0.796
        0.92080617, 0.6785274 ], dtype=float32), array([0.          , 1.          , 0.7483523, 0.742418
        0.5992664], dtype=float32), array([0.          , 1.          , 0.6614856 , 0.9574046 , 0.2323
        0.99862826, 0.5486602 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99884856, 0.30694267, 0.24445209,
        0.4479005 , 0.8589692 ], dtype=float32), array([0.          , 1.          , 0.99787605, 0.045
        0.22813128, 0.9642179 ], dtype=float32), array([0.          , 1.          , 0.99554896, 0.530
        0.67111874, 0.80422866], dtype=float32), array([0.          , 1.          , 0.9949397 , 0.665
```

```

    0.776613 , 0.77211916], dtype=float32), array([0.          , 1.          , 0.9650533 , 0.796
    0.9210767 , 0.6780106 ], dtype=float32), array([0.          , 1.          , 0.71383077, 0.743
    0.80736244, 0.599023  ], dtype=float32), array([0.          , 1.          , 0.67875296, 0.934
    0.9723565 , 0.35220832], dtype=float32), array([0.          , 1.          , 0.6448963 , 0.920
    0.9925855 , 0.56441987], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987356 , 0.30732292, 0.2444812 ,
    0.44760442, 0.8601246 ], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.045
    0.22750995, 0.9635706 ], dtype=float32), array([0.          , 1.          , 0.99624926, 0.530
    0.671834 , 0.80412805], dtype=float32), array([0.          , 1.          , 0.9952077 , 0.665
    0.7772164 , 0.7731791 ], dtype=float32), array([0.          , 1.          , 0.9635062 , 0.797
    0.92125964, 0.67759377], dtype=float32), array([0.          , 1.          , 0.78066254, 0.919
    0.99604225, 0.56940293], dtype=float32), array([0.          , 1.          , 0.7033458 , 0.743
    0.8079164 , 0.5986093 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987551 , 0.30744112, 0.2441696 ,
    0.44764048, 0.8599032 ], dtype=float32), array([0.          , 1.          , 0.99784267, 0.045
    0.22811842, 0.9621375 ], dtype=float32), array([0.          , 1.          , 0.99688846, 0.529
    0.6721039 , 0.80460644], dtype=float32), array([0.          , 1.          , 0.99522626, 0.665
    0.7773352 , 0.77382183], dtype=float32), array([0.          , 1.          , 0.9644556 , 0.797
    0.92099416, 0.6760752 ], dtype=float32), array([0.          , 1.          , 0.77526474, 0.743
    0.8080001 , 0.60164535], dtype=float32), array([0.          , 1.          , 0.6245226 , 0.919382
    0.5626293], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987503 , 0.3076716 , 0.2444182 ,
    0.44825143, 0.8610168 ], dtype=float32), array([0.          , 1.          , 0.99788433, 0.045
    0.22799712, 0.96265626], dtype=float32), array([0.          , 1.          , 0.99720997, 0.530
    0.6727318 , 0.80539346], dtype=float32), array([0.          , 1.          , 0.99509466, 0.665
    0.77750564, 0.7745027 ], dtype=float32), array([0.          , 1.          , 0.9658996 , 0.797
    0.92090446, 0.6762603 ], dtype=float32), array([0.          , 1.          , 0.80563223, 0.743
    0.8082216 , 0.6016965 ], dtype=float32), array([0.          , 1.          , 0.61184597, 0.629
    0.64657426, 0.30252728], dtype=float32), array([0.          , 1.          , 0.6064985 , 0.899
    0.95910823, 0.53047365], dtype=float32), array([0.          , 1.          , 0.6036982 , 0.916
    0.99367565, 0.56129473], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}

```

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9988028 , 0.30759227, 0.2445857 ,
        0.44847095, 0.86061245], dtype=float32), array([0.          , 1.          , 0.99792516, 0.044
        0.22812471, 0.9669062 ], dtype=float32), array([0.          , 1.          , 0.99724233, 0.530
        0.67347217, 0.8065915 ], dtype=float32), array([0.          , 1.          , 0.9950563 , 0.664
        0.77794576, 0.77361435], dtype=float32), array([0.          , 1.          , 0.9655115 , 0.797
        0.9205295 , 0.67480505], dtype=float32), array([0.          , 1.          , 0.8059379, 0.742885
        0.6017009], dtype=float32), array([0.          , 1.          , 0.61647415, 0.6298082 , 0.2321
        0.6466944 , 0.30163357], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9988305 , 0.30805218, 0.24515519,
        0.44785678, 0.86075354], dtype=float32), array([0.          , 1.          , 0.9978002 , 0.045
        0.22769457, 0.96499217], dtype=float32), array([0.          , 1.          , 0.99671423, 0.530
        0.67266387, 0.80666685], dtype=float32), array([0.          , 1.          , 0.9951514 , 0.665
        0.77826333, 0.77381855], dtype=float32), array([0.          , 1.          , 0.9637117 , 0.796
        0.92093956, 0.67545   ], dtype=float32), array([0.          , 1.          , 0.8603692 , 0.743
        0.8086765 , 0.6018323 ], dtype=float32), array([0.          , 1.          , 0.64779824, 0.918
        0.99597996, 0.5546748 ], dtype=float32), array([0.          , 1.          , 0.6302299, 0.629488
        0.3023648], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.998844   , 0.3081289 , 0.24477407,
        0.4476539 , 0.8613124 ], dtype=float32), array([0.          , 1.          , 0.99797314, 0.044
        0.22827029, 0.9631492 ], dtype=float32), array([0.          , 1.          , 0.9970536 , 0.530
        0.67270666, 0.8086215 ], dtype=float32), array([0.          , 1.          , 0.99509466, 0.665
        0.77873296, 0.77526855], dtype=float32), array([0.          , 1.          , 0.96210754, 0.796
        0.92138547, 0.67452407], dtype=float32), array([0.          , 1.          , 0.83223665, 0.742
        0.80780333, 0.60100067], dtype=float32), array([0.          , 1.          , 0.7325918 , 0.919
        0.99680215, 0.5567566 ], dtype=float32), array([0.          , 1.          , 0.6460137 , 0.629
        0.6463796 , 0.30166635], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99879813, 0.3085754 , 0.24507016,
        0.44730556, 0.860661   ], dtype=float32), array([0.          , 1.          , 0.99797314, 0.044
        0.22831245, 0.9634776 ], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.529
        0.67284787, 0.8097378 ], dtype=float32), array([0.          , 1.          , 0.9950177 , 0.665
```

```

0.7791795 , 0.7762336 ], dtype=float32), array([0.          , 1.          , 0.96309197, 0.796
0.9216559 , 0.67493635], dtype=float32), array([0.          , 1.          , 0.853669  , 0.742
0.8076712 , 0.5999923 ], dtype=float32), array([0.          , 1.          , 0.67683357, 0.921
0.9979861 , 0.5555725 ], dtype=float32), array([0.          , 1.          , 0.6559974  , 0.629
0.6462796 , 0.30124256], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99876  , 0.30870545, 0.2445634 ,
0.4472596 , 0.8619377 ], dtype=float32), array([0.          , 1.          , 0.9978173 , 0.045
0.22805439, 0.96601653], dtype=float32), array([0.          , 1.          , 0.9973888 , 0.528
0.67250055, 0.8118637 ], dtype=float32), array([0.          , 1.          , 0.9951325 , 0.665
0.7785057 , 0.77663404], dtype=float32), array([0.          , 1.          , 0.96232057, 0.797
0.92172575, 0.67485213], dtype=float32), array([0.          , 1.          , 0.8541563 , 0.742
0.8076478 , 0.599012  ], dtype=float32), array([0.          , 1.          , 0.83359575, 0.920
0.99831307, 0.56065315], dtype=float32), array([0.          , 1.          , 0.6097566 , 0.629
0.6463007 , 0.30192596], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998675  , 0.30916294, 0.24398485,
0.4470826 , 0.8622793 ], dtype=float32), array([0.          , 1.          , 0.99797314, 0.044
0.22797167, 0.96493804], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.528
0.6721623 , 0.8112803 ], dtype=float32), array([0.          , 1.          , 0.9949397 , 0.665
0.77905273, 0.7772743 ], dtype=float32), array([0.          , 1.          , 0.9630224 , 0.797
0.9220716 , 0.6760646 ], dtype=float32), array([0.          , 1.          , 0.89823216, 0.916
0.9997227 , 0.57087636], dtype=float32), array([0.          , 1.          , 0.80563223, 0.742
0.80666673, 0.5982788 ], dtype=float32), array([0.          , 1.          , 0.6606104 , 0.629
0.6454371 , 0.30285105], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99879336, 0.30894995, 0.2440066 ,
0.44708526, 0.86113226], dtype=float32), array([0.          , 1.          , 0.9979966 , 0.044
0.22810045, 0.96521604], dtype=float32), array([0.          , 1.          , 0.99722075, 0.529
0.6727599 , 0.8102195 ], dtype=float32), array([0.          , 1.          , 0.99495924, 0.665
0.7784499 , 0.77564335], dtype=float32), array([0.          , 1.          , 0.95998776, 0.796
0.92203945, 0.6757388 ], dtype=float32), array([0.          , 1.          , 0.88038635, 0.915
0.99986714, 0.5707231 ], dtype=float32), array([0.          , 1.          , 0.77218735, 0.746
0.8062146 , 0.5927475 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```



1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998784  , 0.30915788, 0.2436974 ,
        0.44717184, 0.861856  ], dtype=float32), array([0.          , 1.          , 0.99790895, 0.044
        0.22811955, 0.96500224], dtype=float32), array([0.          , 1.          , 0.996852  , 0.529
        0.6727757 , 0.8093672 ], dtype=float32), array([0.          , 1.          , 0.99455196, 0.664
        0.77951616, 0.7758281 ], dtype=float32), array([0.          , 1.          , 0.9599126 , 0.796
        0.9219604 , 0.675406  ], dtype=float32), array([0.          , 1.          , 0.9046505 , 0.916
        0.9989871 , 0.5711698 ], dtype=float32), array([0.          , 1.          , 0.80224586, 0.747
        0.8079852 , 0.5911455 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987649 , 0.30910876, 0.24336341,
        0.447866  , 0.86236775], dtype=float32), array([0.          , 1.          , 0.9980045 , 0.044
        0.22834083, 0.9658208 ], dtype=float32), array([0.          , 1.          , 0.996852  , 0.529
        0.67313814, 0.81033564], dtype=float32), array([0.          , 1.          , 0.994292  , 0.665
        0.7800052 , 0.7758451 ], dtype=float32), array([0.          , 1.          , 0.9555686 , 0.796317
        0.6758667], dtype=float32), array([0.          , 1.          , 0.8828325 , 0.91589224, 0.2483
        0.9982647 , 0.5711537 ], dtype=float32), array([0.          , 1.          , 0.77560484, 0.746
        0.80654645, 0.58759326], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987306 , 0.30932593, 0.24401954,
        0.44871467, 0.86177087], dtype=float32), array([0.          , 1.          , 0.9980276 , 0.044
        0.22853293, 0.96665287], dtype=float32), array([0.          , 1.          , 0.99621993, 0.529
        0.6731038 , 0.8085034 ], dtype=float32), array([0.          , 1.          , 0.99415743, 0.667
        0.7803682 , 0.77174413], dtype=float32), array([0.          , 1.          , 0.95565146, 0.796
        0.9228225 , 0.6769908 ], dtype=float32), array([0.          , 1.          , 0.82976806, 0.919
        0.9985093 , 0.57165194], dtype=float32), array([0.          , 1.          , 0.7112304 , 0.747
        0.805598  , 0.58624923], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998675  , 0.3093471 , 0.2445369 ,
        0.44959098, 0.8623787 ], dtype=float32), array([0.          , 1.          , 0.9979966 , 0.044
        0.22866786, 0.9682781 ], dtype=float32), array([0.          , 1.          , 0.9956006 , 0.530
        0.67370975, 0.8090804 ], dtype=float32), array([0.          , 1.          , 0.99424744, 0.667
        0.78036  , 0.7704829 ], dtype=float32), array([0.          , 1.          , 0.9542227 , 0.796
        0.92235386, 0.67548305], dtype=float32), array([0.          , 1.          , 0.7252596 , 0.923
```

```

        0.99867505, 0.5707221 ], dtype=float32), array([0.          , 1.          , 0.7162186 , 0.746
        0.80478406, 0.5843264 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985619 , 0.30958784, 0.24383882,
        0.45019168, 0.86408365], dtype=float32), array([0.          , 1.          , 0.99808073, 0.044
        0.22860572, 0.96725357], dtype=float32), array([0.          , 1.          , 0.9952632 , 0.669
        0.7800533 , 0.76631355], dtype=float32), array([0.          , 1.          , 0.9951514 , 0.530
        0.67332536, 0.80864125], dtype=float32), array([0.          , 1.          , 0.95976204, 0.796
        0.92187345, 0.6756753 ], dtype=float32), array([0.          , 1.          , 0.7197777 , 0.747
        0.8035329 , 0.58342105], dtype=float32), array([0.          , 1.          , 0.69884354, 0.924
        0.9993685 , 0.5700424 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99857855, 0.30945936, 0.24446103,
        0.44985738, 0.8639945 ], dtype=float32), array([0.          , 1.          , 0.9982039 , 0.044
        0.2289774 , 0.96598184], dtype=float32), array([0.          , 1.          , 0.99540824, 0.669
        0.77883005, 0.7620772 ], dtype=float32), array([0.          , 1.          , 0.9946359 , 0.530
        0.6726401 , 0.80719125], dtype=float32), array([0.          , 1.          , 0.9540518 , 0.796
        0.9219746 , 0.673995  ], dtype=float32), array([0.          , 1.          , 0.6027633 , 0.712
        0.7909803 , 0.65023744], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99866986, 0.30966184, 0.24443424,
        0.44983724, 0.8629552 ], dtype=float32), array([0.          , 1.          , 0.998147  , 0.044
        0.22885677, 0.9675658 ], dtype=float32), array([0.          , 1.          , 0.9955662 , 0.668
        0.7788311 , 0.76806295], dtype=float32), array([0.          , 1.          , 0.9943581 , 0.530
        0.6724356 , 0.80866444], dtype=float32), array([0.          , 1.          , 0.95531917, 0.796
        0.9217448 , 0.6749027 ], dtype=float32), array([0.          , 1.          , 0.754915  , 0.925
        0.99808884, 0.5684823 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9987356 , 0.30976424, 0.24472705,
        0.44915983, 0.86201096], dtype=float32), array([0.          , 1.          , 0.99808073, 0.045
        0.22909002, 0.9687898 ], dtype=float32), array([0.          , 1.          , 0.9954791 , 0.669
        0.77783054, 0.76622796], dtype=float32), array([0.          , 1.          , 0.99420255, 0.529

```

```

0.67140424, 0.8060145 ], dtype=float32), array([0.          , 1.          , 0.95266235, 0.797
0.92147326, 0.67462426], dtype=float32), array([0.          , 1.          , 0.69678426, 0.927
0.9995169 , 0.5672441 ], dtype=float32), array([0.          , 1.          , 0.6417592 , 0.716
0.78961897, 0.64547884], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99869555, 0.3100682 , 0.24567142,
0.44962722, 0.8615403 ], dtype=float32), array([0.          , 1.          , 0.99792516, 0.046
0.22845912, 0.9685813 ], dtype=float32), array([0.          , 1.          , 0.99497885, 0.668
0.77853817, 0.7681323 ], dtype=float32), array([0.          , 1.          , 0.99457306, 0.529
0.6714958 , 0.80754197], dtype=float32), array([0.          , 1.          , 0.9534488 , 0.797
0.9214455 , 0.6748138 ], dtype=float32), array([0.          , 1.          , 0.7043635 , 0.924
0.99895257, 0.56412834], dtype=float32), array([0.          , 1.          , 0.6819386 , 0.719
0.7910354 , 0.636017  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99871063, 0.3098476 , 0.24563628,
0.4496795 , 0.8607463 ], dtype=float32), array([0.          , 1.          , 0.9977393 , 0.048
0.2281133 , 0.96826315], dtype=float32), array([0.          , 1.          , 0.99529994, 0.530
0.67239654, 0.8059318 ], dtype=float32), array([0.          , 1.          , 0.99499834, 0.669
0.7782787 , 0.76632404], dtype=float32), array([0.          , 1.          , 0.95230865, 0.798
0.9217115 , 0.67449427], dtype=float32), array([0.          , 1.          , 0.62520933, 0.716
0.7895555 , 0.63759136], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986646 , 0.3098643 , 0.24461117,
0.44963476, 0.8615937 ], dtype=float32), array([0.          , 1.          , 0.9975274 , 0.050
0.2236175 , 0.95369136], dtype=float32), array([0.          , 1.          , 0.99621993, 0.529
0.6755945 , 0.80687594], dtype=float32), array([0.          , 1.          , 0.99457306, 0.668
0.7800877 , 0.76873225], dtype=float32), array([0.          , 1.          , 0.95159405, 0.797
0.9218013 , 0.67536783], dtype=float32)]
Total People in frame = 5
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986541 , 0.30974442, 0.24470657,
0.44972658, 0.8633936 ], dtype=float32), array([0.          , 1.          , 0.99758446, 0.050
0.22321078, 0.95477235], dtype=float32), array([0.          , 1.          , 0.9964342 , 0.522

```

```

        0.67483044, 0.8082123 ], dtype=float32), array([0.          , 1.          , 0.99444515, 0.667
        0.78026396, 0.76938856], dtype=float32), array([0.          , 1.          , 0.95239735, 0.798
        0.9216894 , 0.6737402 ], dtype=float32), array([0.          , 1.          , 0.66931266, 0.900
        0.95314854, 0.53070545], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99861145, 0.30992097, 0.2442587 ,
        0.44973236, 0.86330837], dtype=float32), array([0.          , 1.          , 0.997358 , 0.050
        0.22290868, 0.95319945], dtype=float32), array([0.          , 1.          , 0.9961004 , 0.525
        0.67374766, 0.80565286], dtype=float32), array([0.          , 1.          , 0.9942251 , 0.667
        0.7801177 , 0.76796633], dtype=float32), array([0.          , 1.          , 0.9554856 , 0.797
        0.9212361 , 0.67440164], dtype=float32), array([0.          , 1.          , 0.7902068 , 0.901
        0.9544768 , 0.52923524], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99862766, 0.30970523, 0.24423072,
        0.44999018, 0.8645209 ], dtype=float32), array([0.          , 1.          , 0.99766773, 0.052
        0.22255127, 0.9544965 ], dtype=float32), array([0.          , 1.          , 0.99605453, 0.530
        0.67353135, 0.8074657 ], dtype=float32), array([0.          , 1.          , 0.9931229 , 0.667
        0.7797713 , 0.7656348 ], dtype=float32), array([0.          , 1.          , 0.9535354 , 0.797
        0.9212398 , 0.673277 ], dtype=float32), array([0.          , 1.          , 0.79881525, 0.901
        0.958704 , 0.5367538 ], dtype=float32), array([0.          , 1.          , 0.63973606, 0.717
        0.7914856 , 0.6397041 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986646 , 0.30982772, 0.24386862,
        0.4499518 , 0.86269164], dtype=float32), array([0.          , 1.          , 0.99793327, 0.053
        0.22225806, 0.9519171 ], dtype=float32), array([0.          , 1.          , 0.9956176 , 0.527
        0.67357045, 0.8071515 ], dtype=float32), array([0.          , 1.          , 0.99333304, 0.667
        0.7801021 , 0.76475537], dtype=float32), array([0.          , 1.          , 0.95473194, 0.796
        0.9215486 , 0.67499244], dtype=float32), array([0.          , 1.          , 0.7956581 , 0.901
        0.9583973 , 0.53598505], dtype=float32), array([0.          , 1.          , 0.6466834 , 0.717
        0.7919348 , 0.64035106], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984084 , 0.31010905, 0.24396157,
```

```

0.4500912 , 0.8663299 ], dtype=float32), array([0.          , 1.          , 0.9979493 , 0.053
0.22222658, 0.95477235], dtype=float32), array([0.          , 1.          , 0.9963642 , 0.526
0.6746317 , 0.8057883 ], dtype=float32), array([0.          , 1.          , 0.99178034, 0.667
0.7792261 , 0.763178  ], dtype=float32), array([0.          , 1.          , 0.9468921 , 0.796
0.9213647 , 0.672498  ], dtype=float32), array([0.          , 1.          , 0.7969254, 0.901502
0.536468 ], dtype=float32), array([0.          , 1.          , 0.6482437 , 0.7175155 , 0.2518
0.79129976, 0.6425028 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9983897 , 0.31016195, 0.24376011,
0.4505291 , 0.8678936 ], dtype=float32), array([0.          , 1.          , 0.99779165, 0.052
0.2227371 , 0.9545853 ], dtype=float32), array([0.          , 1.          , 0.9967269 , 0.519
0.67386824, 0.80829805], dtype=float32), array([0.          , 1.          , 0.9913223 , 0.667
0.77866757, 0.7624374 ], dtype=float32), array([0.          , 1.          , 0.94985574, 0.797
0.92131484, 0.67246133], dtype=float32), array([0.          , 1.          , 0.7435406 , 0.901
0.95720047, 0.5350513 ], dtype=float32), array([0.          , 1.          , 0.6920179 , 0.717
0.79072165, 0.64095056], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984022 , 0.31033918, 0.2442238 ,
0.45022568, 0.8680221 ], dtype=float32), array([0.          , 1.          , 0.99780875, 0.050
0.22304814, 0.9535812 ], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.514
0.67350227, 0.8124738 ], dtype=float32), array([0.          , 1.          , 0.99111825, 0.667
0.7784573 , 0.7628883 ], dtype=float32), array([0.          , 1.          , 0.94776917, 0.798
0.9214585 , 0.67217696], dtype=float32), array([0.          , 1.          , 0.7599388 , 0.901
0.9573592 , 0.534931  ], dtype=float32), array([0.          , 1.          , 0.6555565 , 0.718
0.7907343 , 0.64120835], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99843913, 0.3102637 , 0.24415272,
0.450792  , 0.8677378 ], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.048
0.2280057 , 0.96653235], dtype=float32), array([0.          , 1.          , 0.99668854, 0.513
0.6726618 , 0.80834496], dtype=float32), array([0.          , 1.          , 0.9920002 , 0.667
0.7789081 , 0.76462543], dtype=float32), array([0.          , 1.          , 0.9494823 , 0.797
0.92150944, 0.67354244], dtype=float32), array([0.          , 1.          , 0.70821255, 0.901
0.9582434 , 0.53573453], dtype=float32), array([0.          , 1.          , 0.6548947 , 0.718
0.7912202 , 0.6428311 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983707 , 0.30998042, 0.24402767,
        0.4511173 , 0.8691066 ], dtype=float32), array([0.          , 1.          , 0.9978677 , 0.046
        0.22820266, 0.9674655 ], dtype=float32), array([0.          , 1.          , 0.996852 , 0.506
        0.6692859 , 0.8195441 ], dtype=float32), array([0.          , 1.          , 0.992062 , 0.667
        0.7787101 , 0.7629223 ], dtype=float32), array([0.          , 1.          , 0.94957596, 0.797
        0.92132026, 0.6737084 ], dtype=float32), array([0.          , 1.          , 0.70212173, 0.719
        0.7917867 , 0.6404846 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99839586, 0.30985445, 0.24387693,
        0.45173413, 0.86913896], dtype=float32), array([0.          , 1.          , 0.99801993, 0.045
        0.22857869, 0.9662742 ], dtype=float32), array([0.          , 1.          , 0.99723166, 0.505
        0.670817 , 0.818627 ], dtype=float32), array([0.          , 1.          , 0.9922144 , 0.667
        0.77902365, 0.76609045], dtype=float32), array([0.          , 1.          , 0.9623913 , 0.797
        0.9206027 , 0.6749455 ], dtype=float32), array([0.          , 1.          , 0.7869505 , 0.902
        0.9551334 , 0.5306997 ], dtype=float32), array([0.          , 1.          , 0.6770471 , 0.720
        0.7925214 , 0.64054245], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99835795, 0.30974963, 0.24401608,
        0.45202127, 0.8667493 ], dtype=float32), array([0.          , 1.          , 0.9980045 , 0.045
        0.22862208, 0.96668506], dtype=float32), array([0.          , 1.          , 0.9970879 , 0.504
        0.6712043 , 0.81841147], dtype=float32), array([0.          , 1.          , 0.9920002 , 0.667
        0.77859503, 0.7656538 ], dtype=float32), array([0.          , 1.          , 0.9600627 , 0.797
        0.9209147 , 0.6746058 ], dtype=float32), array([0.          , 1.          , 0.79881525, 0.901
        0.9546132 , 0.53124136], dtype=float32), array([0.          , 1.          , 0.68130285, 0.720
        0.79200447, 0.6375287 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981828 , 0.31003487, 0.24482328,
        0.45162386, 0.86635655], dtype=float32), array([0.          , 1.          , 0.99797314, 0.044
        0.22872701, 0.9659474 ], dtype=float32), array([0.          , 1.          , 0.9968642 , 0.506
        0.674858 , 0.81424224], dtype=float32), array([0.          , 1.          , 0.9920312 , 0.666
        0.77918386, 0.76813734], dtype=float32), array([0.          , 1.          , 0.96138906, 0.797
        0.9206395 , 0.67517626], dtype=float32), array([0.          , 1.          , 0.78365755, 0.901
        0.9539997 , 0.52851754], dtype=float32), array([0.          , 1.          , 0.6930576 , 0.741
```

```

    0.8026882 , 0.60046107], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982039 , 0.30976856, 0.24486741,
        0.45238096, 0.8670231 ], dtype=float32), array([0.          , 1.          , 0.9979966 , 0.044
        0.22888336, 0.96524537], dtype=float32), array([0.          , 1.          , 0.9964342 , 0.504
        0.67551124, 0.81528497], dtype=float32), array([0.          , 1.          , 0.9921233 , 0.666
        0.78005785, 0.7674563 ], dtype=float32), array([0.          , 1.          , 0.94985574, 0.793
        0.9208473 , 0.6758467 ], dtype=float32), array([0.          , 1.          , 0.7203682 , 0.901
        0.9542346 , 0.5271137 ], dtype=float32), array([0.          , 1.          , 0.6619229 , 0.740
        0.8043786 , 0.59934425], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982109 , 0.3112012 , 0.25606975,
        0.45357883, 0.86522067], dtype=float32), array([0.          , 1.          , 0.99797314, 0.045
        0.2286348 , 0.96616054], dtype=float32), array([0.          , 1.          , 0.99632144, 0.504
        0.67509544, 0.81430626], dtype=float32), array([0.          , 1.          , 0.99268264, 0.666
        0.7800893 , 0.7668176 ], dtype=float32), array([0.          , 1.          , 0.9540518 , 0.793
        0.92094386, 0.6760429 ], dtype=float32), array([0.          , 1.          , 0.6802417 , 0.901
        0.95627683, 0.53101355], dtype=float32), array([0.          , 1.          , 0.67896587, 0.739
        0.8042322 , 0.59892213], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981324 , 0.3115793 , 0.25538903,
        0.45322883, 0.86678976], dtype=float32), array([0.          , 1.          , 0.9977216 , 0.046
        0.22826228, 0.96799904], dtype=float32), array([0.          , 1.          , 0.996503 , 0.508
        0.67806804, 0.81340516], dtype=float32), array([0.          , 1.          , 0.9911868 , 0.666
        0.78035337, 0.7673298 ], dtype=float32), array([0.          , 1.          , 0.9434519, 0.793150
        0.6758493], dtype=float32), array([0.          , 1.          , 0.6779006 , 0.73796767, 0.2504
        0.8032412 , 0.5988495 ], dtype=float32), array([0.          , 1.          , 0.6706083 , 0.901
        0.9570442 , 0.53066754], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981614 , 0.31158382, 0.25499725,
        0.45353281, 0.8636725 ], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.046
        0.22828275, 0.96808934], dtype=float32), array([0.          , 1.          , 0.9968642 , 0.514

```

```

0.6796885 , 0.81165904], dtype=float32), array([0.          , 1.          , 0.9915216 , 0.667
0.7811872 , 0.7681801 ], dtype=float32), array([0.          , 1.          , 0.9420819 , 0.792
0.9214475 , 0.67527205], dtype=float32), array([0.          , 1.          , 0.69904906 , 0.737
0.8033627 , 0.598413  ], dtype=float32), array([0.          , 1.          , 0.68951476 , 0.902
0.9576324 , 0.5315921 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99805814, 0.31230333, 0.25494415,
0.45303765, 0.8660502 ], dtype=float32), array([0.          , 1.          , 0.99770385, 0.046
0.22815222, 0.9689763 ], dtype=float32), array([0.          , 1.          , 0.997459  , 0.514
0.6804719 , 0.8102647 ], dtype=float32), array([0.          , 1.          , 0.9914225 , 0.667
0.7819289 , 0.76834404], dtype=float32), array([0.          , 1.          , 0.93846333, 0.792
0.92113674, 0.67583096], dtype=float32), array([0.          , 1.          , 0.68257374, 0.720
0.79525304, 0.6373155 ], dtype=float32), array([0.          , 1.          , 0.67896587, 0.903
0.9588342 , 0.5326309 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99808073, 0.313123  , 0.25525388,
0.45204973, 0.8656516 ], dtype=float32), array([0.          , 1.          , 0.9977743 , 0.045
0.22849241, 0.9696124 ], dtype=float32), array([0.          , 1.          , 0.99720997, 0.513
0.68108785, 0.8103267 ], dtype=float32), array([0.          , 1.          , 0.9904406 , 0.669
0.78387046, 0.7670829 ], dtype=float32), array([0.          , 1.          , 0.9422947 , 0.791
0.92114186, 0.6756462 ], dtype=float32), array([0.          , 1.          , 0.75743574, 0.737
0.80422795, 0.59777653], dtype=float32), array([0.          , 1.          , 0.7025301 , 0.903
0.95977414, 0.53192836], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99806577, 0.04452894, 0.26343137,
0.22882774, 0.96657544], dtype=float32), array([0.          , 1.          , 0.9979412 , 0.313
0.45189786, 0.86703753], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.512
0.6810519 , 0.8119678 ], dtype=float32), array([0.          , 1.          , 0.990329  , 0.669
0.78422254, 0.76673347], dtype=float32), array([0.          , 1.          , 0.9418684, 0.792625
0.6757844], dtype=float32), array([0.          , 1.          , 0.7472472 , 0.7365924 , 0.2479
0.80372775, 0.59979826], dtype=float32), array([0.          , 1.          , 0.6651931 , 0.903
0.9593966 , 0.53458816], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```



Running Inference

```
[array([0.          , 1.          , 0.99816847, 0.04312687, 0.26505113,
        0.22887114, 0.9660698 ], dtype=float32), array([0.          , 1.          , 0.99808073, 0.314
        0.4511658 , 0.8677758 ], dtype=float32), array([0.          , 1.          , 0.99709916, 0.509
        0.68165237, 0.81244385], dtype=float32), array([0.          , 1.          , 0.9905143 , 0.668
        0.7852775 , 0.76856357], dtype=float32), array([0.          , 1.          , 0.95239735, 0.794
        0.92003524, 0.67600024], dtype=float32), array([0.          , 1.          , 0.7563576 , 0.739
        0.80461884, 0.5962447 ], dtype=float32), array([0.          , 1.          , 0.6766199 , 0.903
        0.95927036, 0.5339512 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99806577, 0.04362963, 0.2659955 ,
        0.2290477 , 0.9670826 ], dtype=float32), array([0.          , 1.          , 0.9980354 , 0.315
        0.45069456, 0.86540806], dtype=float32), array([0.          , 1.          , 0.9967269 , 0.509
        0.6815084 , 0.8116563 ], dtype=float32), array([0.          , 1.          , 0.9905143 , 0.668
        0.78437805, 0.768978 ], dtype=float32), array([0.          , 1.          , 0.9555686 , 0.796
        0.9198971 , 0.67445767], dtype=float32), array([0.          , 1.          , 0.7078088 , 0.741
        0.8048485 , 0.59900546], dtype=float32), array([0.          , 1.          , 0.6372566 , 0.902
        0.95940864, 0.53598034], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982039 , 0.04347241, 0.26721263,
        0.22910789, 0.96631706], dtype=float32), array([0.          , 1.          , 0.9980276 , 0.317
        0.4498402 , 0.86588764], dtype=float32), array([0.          , 1.          , 0.99688846, 0.507
        0.6800509 , 0.8142421 ], dtype=float32), array([0.          , 1.          , 0.99111825, 0.668
        0.78540605, 0.7695092 ], dtype=float32), array([0.          , 1.          , 0.9571178 , 0.796
        0.9199924 , 0.6756134 ], dtype=float32), array([0.          , 1.          , 0.69388795, 0.903
        0.9592849 , 0.5341123 ], dtype=float32), array([0.          , 1.          , 0.6699608 , 0.742
        0.8051813 , 0.59680617], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99804294, 0.04397417, 0.26670587,
        0.22899431, 0.96724546], dtype=float32), array([0.          , 1.          , 0.99793327, 0.315
        0.4506179 , 0.8661113 ], dtype=float32), array([0.          , 1.          , 0.9971439 , 0.508
        0.67862713, 0.81242406], dtype=float32), array([0.          , 1.          , 0.9920002 , 0.667
        0.78607994, 0.7723316 ], dtype=float32), array([0.          , 1.          , 0.954393 , 0.796
        0.9199438 , 0.67548674], dtype=float32), array([0.          , 1.          , 0.6656279 , 0.902
        0.9591006 , 0.5362645 ], dtype=float32), array([0.          , 1.          , 0.61138195, 0.739
        0.80291635, 0.59625876], dtype=float32)]
```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99808073, 0.0440831 , 0.2676707 ,
        0.22903097, 0.9679367 ], dtype=float32), array([0.          , 1.          , 0.99783427, 0.316
        0.450161 , 0.86442935], dtype=float32), array([0.          , 1.          , 0.9975656 , 0.508
        0.6766613 , 0.8115245 ], dtype=float32), array([0.          , 1.          , 0.992961 , 0.668
        0.787951 , 0.7738875 ], dtype=float32), array([0.          , 1.          , 0.9549844 , 0.795
        0.9200222 , 0.6750639 ], dtype=float32), array([0.          , 1.          , 0.72370017, 0.743
        0.8057108 , 0.59007156], dtype=float32), array([0.          , 1.          , 0.67319167, 0.902
        0.95966065, 0.5338861 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99804294, 0.04417335, 0.26783693,
        0.2289407 , 0.96707785], dtype=float32), array([0.          , 1.          , 0.9979652 , 0.316
        0.45027784, 0.86570215], dtype=float32), array([0.          , 1.          , 0.9976769 , 0.505
        0.67521775, 0.81266594], dtype=float32), array([0.          , 1.          , 0.9942697 , 0.668
        0.78900886, 0.77482295], dtype=float32), array([0.          , 1.          , 0.9470882 , 0.794
        0.9204413 , 0.6752866 ], dtype=float32), array([0.          , 1.          , 0.6245226 , 0.902
        0.9602283 , 0.5361379 ], dtype=float32), array([0.          , 1.          , 0.61624324, 0.743
        0.8061908 , 0.58844787], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982109 , 0.3175086 , 0.25635716,
        0.4507353 , 0.863956 ], dtype=float32), array([0.          , 1.          , 0.99805814, 0.044
        0.22879577, 0.9677644 ], dtype=float32), array([0.          , 1.          , 0.99770385, 0.500
        0.67342484, 0.8131778 ], dtype=float32), array([0.          , 1.          , 0.9952077 , 0.666
        0.7891452 , 0.7741779 ], dtype=float32), array([0.          , 1.          , 0.94078976, 0.793
        0.9209426 , 0.674286 ], dtype=float32), array([0.          , 1.          , 0.631367 , 0.901
        0.959303 , 0.5322526 ], dtype=float32), array([0.          , 1.          , 0.6001884 , 0.629
        0.646627 , 0.30024597], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99812514, 0.3181734 , 0.25611585,
        0.45067352, 0.8643158 ], dtype=float32), array([0.          , 1.          , 0.9979652 , 0.044
        0.22857887, 0.96745527], dtype=float32), array([0.          , 1.          , 0.99776566, 0.500
        0.67220855, 0.8152883 ], dtype=float32), array([0.          , 1.          , 0.9943581 , 0.665

```

```

        0.7870741 , 0.7727803 ], dtype=float32), array([0.          , 1.          , 0.9417613 , 0.793
        0.92069346, 0.67504555], dtype=float32), array([0.          , 1.          , 0.64131004, 0.745
        0.8041799 , 0.5879197 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998103  , 0.31848747, 0.25737563,
        0.45014912, 0.86379635], dtype=float32), array([0.          , 1.          , 0.9979493 , 0.044
        0.22860312, 0.96697176], dtype=float32), array([0.          , 1.          , 0.9978677 , 0.501
        0.6718806 , 0.8151957 ], dtype=float32), array([0.          , 1.          , 0.99371004, 0.664
        0.78601366, 0.77137643], dtype=float32), array([0.          , 1.          , 0.9478657 , 0.793
        0.9207728 , 0.67587227], dtype=float32), array([0.          , 1.          , 0.68130285, 0.744
        0.803188  , 0.59462357], dtype=float32), array([0.          , 1.          , 0.60859406, 0.629
        0.6464618 , 0.3009917 ], dtype=float32), array([0.          , 1.          , 0.6064985 , 0.919
        0.98806614, 0.5575543 ], dtype=float32), array([0.          , 1.          , 0.6055658 , 0.901810
        0.5319159], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.998147  , 0.31882215, 0.2572369 ,
        0.4498425 , 0.8607221 ], dtype=float32), array([0.          , 1.          , 0.99793327, 0.044
        0.22837304, 0.9672237 ], dtype=float32), array([0.          , 1.          , 0.9974191 , 0.498
        0.67054737, 0.8119973 ], dtype=float32), array([0.          , 1.          , 0.9920312 , 0.665
        0.78481907, 0.76954114], dtype=float32), array([0.          , 1.          , 0.9449947 , 0.792
        0.92040646, 0.67720723], dtype=float32), array([0.          , 1.          , 0.8389439 , 0.746
        0.80569416, 0.5959142 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9984692 , 0.31842422, 0.25630394,
        0.4510538 , 0.86224735], dtype=float32), array([0.          , 1.          , 0.997981  , 0.044
        0.22853202, 0.9664892 ], dtype=float32), array([0.          , 1.          , 0.99780875, 0.505
        0.671168  , 0.8137368 ], dtype=float32), array([0.          , 1.          , 0.99253935, 0.666
        0.78551877, 0.7709619 ], dtype=float32), array([0.          , 1.          , 0.94629973, 0.792
        0.9201543 , 0.6765226 ], dtype=float32), array([0.          , 1.          , 0.86590594, 0.747
        0.8068254 , 0.5922813 ], dtype=float32), array([0.          , 1.          , 0.65401137, 0.629
        0.64623886, 0.301372  ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.9984022 , 0.31881356, 0.2543313 ,
        0.45079064, 0.8627985 ], dtype=float32), array([0.          , 1.          , 0.9979966 , 0.044
        0.22852033, 0.96632874], dtype=float32), array([0.          , 1.          , 0.99787605, 0.509
        0.6719662 , 0.8143896 ], dtype=float32), array([0.          , 1.          , 0.9921537 , 0.665
        0.7844015 , 0.77117825], dtype=float32), array([0.          , 1.          , 0.9524858 , 0.794
        0.9199477 , 0.6767185 ], dtype=float32), array([0.          , 1.          , 0.9158089 , 0.749
        0.80954814, 0.5899486 ], dtype=float32), array([0.          , 1.          , 0.6057991 , 0.629
        0.6464463 , 0.30145112], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99849296, 0.3187192 , 0.25437546,
        0.45144594, 0.86127377], dtype=float32), array([0.          , 1.          , 0.9982248 , 0.513
        0.6714939 , 0.8165825 ], dtype=float32), array([0.          , 1.          , 0.9980506 , 0.044
        0.22891852, 0.96736425], dtype=float32), array([0.          , 1.          , 0.9921233 , 0.664
        0.7841659 , 0.7726525 ], dtype=float32), array([0.          , 1.          , 0.95814794, 0.796
        0.9195141 , 0.67521185], dtype=float32), array([0.          , 1.          , 0.89405173, 0.748
        0.81125885, 0.5947244 ], dtype=float32), array([0.          , 1.          , 0.64980084, 0.629
        0.6458242 , 0.3014555 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9985506 , 0.5228882 , 0.21967846,
        0.67286193, 0.8146712 ], dtype=float32), array([0.          , 1.          , 0.9985506 , 0.318
        0.45299146, 0.8613616 ], dtype=float32), array([0.          , 1.          , 0.9979888 , 0.044
        0.2285437 , 0.96727276], dtype=float32), array([0.          , 1.          , 0.9911527 , 0.664
        0.783219 , 0.77244955], dtype=float32), array([0.          , 1.          , 0.9648552 , 0.798
        0.9195222 , 0.6743973 ], dtype=float32), array([0.          , 1.          , 0.9147487 , 0.751
        0.81030196, 0.5895626 ], dtype=float32), array([0.          , 1.          , 0.65379035, 0.914
        0.9921498 , 0.5576589 ], dtype=float32), array([0.          , 1.          , 0.6522414 , 0.629
        0.6460396 , 0.30095318], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99847525, 0.31869367, 0.25461978,
        0.452383 , 0.86091095], dtype=float32), array([0.          , 1.          , 0.9983125 , 0.526
        0.67300874, 0.8110743 ], dtype=float32), array([0.          , 1.          , 0.99805814, 0.044
        0.2286048 , 0.9649781 ], dtype=float32), array([0.          , 1.          , 0.9907678 , 0.663
        0.78309554, 0.77223796], dtype=float32), array([0.          , 1.          , 0.96472245, 0.798
        0.91965055, 0.67450917], dtype=float32), array([0.          , 1.          , 0.9119669 , 0.751
        0.8094276 , 0.59072554], dtype=float32), array([0.          , 1.          , 0.72174317, 0.914
        0.9917112 , 0.5592741 ], dtype=float32), array([0.          , 1.          , 0.70130414, 0.629
```

```

    0.6456854 , 0.3011051 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985104 , 0.3186881 , 0.25506023,
        0.45241666, 0.86100364], dtype=float32), array([0.          , 1.          , 0.99823856, 0.531
        0.67232466, 0.80902517], dtype=float32), array([0.          , 1.          , 0.9980122 , 0.044
        0.228665 , 0.9656708 ], dtype=float32), array([0.          , 1.          , 0.99090964, 0.663
        0.7828686 , 0.7733557 ], dtype=float32), array([0.          , 1.          , 0.9656413 , 0.799
        0.9201469 , 0.6740049 ], dtype=float32), array([0.          , 1.          , 0.90087914, 0.747
        0.8105457 , 0.59911394], dtype=float32), array([0.          , 1.          , 0.776623 , 0.914
        0.99322337, 0.5592947 ], dtype=float32), array([0.          , 1.          , 0.6399611 , 0.629
        0.6459809 , 0.3003304 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9983897 , 0.31595033, 0.25470448,
        0.45305085, 0.8601155 ], dtype=float32), array([0.          , 1.          , 0.9979493 , 0.044
        0.22837304, 0.96529806], dtype=float32), array([0.          , 1.          , 0.997285 , 0.533
        0.67289853, 0.8088728 ], dtype=float32), array([0.          , 1.          , 0.9893885 , 0.663
        0.78183365, 0.77345395], dtype=float32), array([0.          , 1.          , 0.9677777 , 0.799164
        0.6753833], dtype=float32), array([0.          , 1.          , 0.89982784, 0.7484806 , 0.2360
        0.81071633, 0.59794545], dtype=float32), array([0.          , 1.          , 0.7725307 , 0.916
        0.99258447, 0.558908 ], dtype=float32), array([0.          , 1.          , 0.6625781 , 0.629
        0.64547753, 0.30151725], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9979966 , 0.31487268, 0.25506344,
        0.4517725 , 0.86034894], dtype=float32), array([0.          , 1.          , 0.9978258 , 0.044
        0.2282283 , 0.966132 ], dtype=float32), array([0.          , 1.          , 0.9967397 , 0.535
        0.67307425, 0.80958223], dtype=float32), array([0.          , 1.          , 0.98959166, 0.664
        0.781656 , 0.7716956 ], dtype=float32), array([0.          , 1.          , 0.96432143, 0.798
        0.92020893, 0.6754774 ], dtype=float32), array([0.          , 1.          , 0.9043131 , 0.744
        0.8089024 , 0.60164225], dtype=float32), array([0.          , 1.          , 0.6675812 , 0.915
        0.9905081 , 0.5590268 ], dtype=float32), array([0.          , 1.          , 0.64220816, 0.629
        0.64570874, 0.3006788 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```
[array([0.          , 1.          , 0.99827254, 0.31046087, 0.24402097,
        0.44915038, 0.8607626 ], dtype=float32), array([0.          , 1.          , 0.99789256, 0.044
        0.22838557, 0.9655827 ], dtype=float32), array([0.          , 1.          , 0.9970421 , 0.535
        0.6729497 , 0.8117418 ], dtype=float32), array([0.          , 1.          , 0.9893885 , 0.664
        0.78163964, 0.77026975], dtype=float32), array([0.          , 1.          , 0.9649213 , 0.798
        0.92042696, 0.67505205], dtype=float32), array([0.          , 1.          , 0.89256257, 0.744
        0.80828476, 0.6005595 ], dtype=float32), array([0.          , 1.          , 0.6703925 , 0.917
        0.99034965, 0.55795527], dtype=float32), array([0.          , 1.          , 0.64980084, 0.629
        0.64528877, 0.3010847 ], dtype=float32), array([0.          , 1.          , 0.62543815, 0.900
        0.95991594, 0.5332618 ], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984269 , 0.3103634 , 0.24489444,
        0.44785947, 0.86119205], dtype=float32), array([0.          , 1.          , 0.9978002 , 0.044
        0.22823747, 0.9663143 ], dtype=float32), array([0.          , 1.          , 0.99720997, 0.535
        0.67289066, 0.81199265], dtype=float32), array([0.          , 1.          , 0.9896718 , 0.664
        0.78034693, 0.77029306], dtype=float32), array([0.          , 1.          , 0.96203625, 0.798
        0.9208065 , 0.6742678 ], dtype=float32), array([0.          , 1.          , 0.8652241 , 0.742
        0.80651075, 0.60038036], dtype=float32), array([0.          , 1.          , 0.65002304, 0.900
        0.959288 , 0.5331489 ], dtype=float32), array([0.          , 1.          , 0.6295469 , 0.629
        0.64589024, 0.30110702], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984452 , 0.31072968, 0.24507242,
        0.44754928, 0.8617839 ], dtype=float32), array([0.          , 1.          , 0.9979572 , 0.044
        0.22821575, 0.96748364], dtype=float32), array([0.          , 1.          , 0.9976495 , 0.534
        0.6731396 , 0.81321335], dtype=float32), array([0.          , 1.          , 0.990329 , 0.665
        0.78012145, 0.770675 ], dtype=float32), array([0.          , 1.          , 0.9608783 , 0.798
        0.9211213 , 0.6744971 ], dtype=float32), array([0.          , 1.          , 0.8844392 , 0.742
        0.8062508 , 0.5972181 ], dtype=float32), array([0.          , 1.          , 0.68783975, 0.901
        0.9592105 , 0.53299564], dtype=float32), array([0.          , 1.          , 0.67875296, 0.629
        0.64534014, 0.30162826], dtype=float32), array([0.          , 1.          , 0.6697448 , 0.936
        0.9808817 , 0.37355492], dtype=float32)]
```

Total People in frame = 9

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.9984084 , 0.3109712 , 0.2455501 ,
        0.4473639 , 0.86130625], dtype=float32), array([0.          , 1.          , 0.9979493 , 0.043
        0.22825095, 0.9679882 ], dtype=float32), array([0.          , 1.          , 0.99776566, 0.534
        0.6731294 , 0.8130758 ], dtype=float32), array([0.          , 1.          , 0.9896718 , 0.664
```

```

0.77961874, 0.76776457], dtype=float32), array([0.          , 1.          , 0.959001 , 0.797570
0.6730442], dtype=float32), array([0.          , 1.          , 0.87278175, 0.7401255 , 0.2326
0.80623287, 0.59869564], dtype=float32), array([0.          , 1.          , 0.73297423, 0.901
0.9584863 , 0.53200245], dtype=float32), array([0.          , 1.          , 0.6744794 , 0.629
0.6459493 , 0.30146435], dtype=float32), array([0.          , 1.          , 0.65995324, 0.935
0.98119736, 0.37276632], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984452 , 0.3111934 , 0.24457505,
0.44641244, 0.86269593], dtype=float32), array([0.          , 1.          , 0.997981 , 0.043
0.228107 , 0.96814877], dtype=float32), array([0.          , 1.          , 0.9977393 , 0.534
0.6738811 , 0.81079245], dtype=float32), array([0.          , 1.          , 0.99047756, 0.664
0.7793042 , 0.76751626], dtype=float32), array([0.          , 1.          , 0.9601375 , 0.798
0.920609 , 0.67320365], dtype=float32), array([0.          , 1.          , 0.84796774, 0.739
0.8049058 , 0.59889317], dtype=float32), array([0.          , 1.          , 0.7839885 , 0.901
0.9580822 , 0.53048325], dtype=float32), array([0.          , 1.          , 0.70942193, 0.936
0.98106104, 0.37417006], dtype=float32), array([0.          , 1.          , 0.64980084, 0.629
0.6458543 , 0.30168667], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99849296, 0.31137675, 0.24423268,
0.44618702, 0.86132073], dtype=float32), array([0.          , 1.          , 0.9980122 , 0.043
0.2281054 , 0.96684456], dtype=float32), array([0.          , 1.          , 0.9975466 , 0.533
0.67360544, 0.80888677], dtype=float32), array([0.          , 1.          , 0.990732 , 0.665
0.7789075 , 0.7685705 ], dtype=float32), array([0.          , 1.          , 0.9589242 , 0.797
0.9203938 , 0.6723434 ], dtype=float32), array([0.          , 1.          , 0.8327814 , 0.740
0.80473703, 0.59711874], dtype=float32), array([0.          , 1.          , 0.7911765 , 0.901
0.9576924 , 0.5314332 ], dtype=float32), array([0.          , 1.          , 0.6721165 , 0.936
0.98131776, 0.37253293], dtype=float32), array([0.          , 1.          , 0.60766315, 0.630
0.6465147 , 0.30123162], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984812 , 0.31132507, 0.24391446,
0.44605637, 0.8609874 ], dtype=float32), array([0.          , 1.          , 0.99804294, 0.044
0.22831824, 0.96584547], dtype=float32), array([0.          , 1.          , 0.9971439 , 0.533
0.6725967 , 0.8087239 ], dtype=float32), array([0.          , 1.          , 0.9905143 , 0.666
0.7791137 , 0.76682043], dtype=float32), array([0.          , 1.          , 0.95759624, 0.797
0.9207479 , 0.67362374], dtype=float32), array([0.          , 1.          , 0.8213309 , 0.901
0.9580559 , 0.53051245], dtype=float32), array([0.          , 1.          , 0.7962925 , 0.738

```

```

0.80398476, 0.5987589 ], dtype=float32), array([0.          , 1.          , 0.69945973, 0.936
0.981764   , 0.3742979 ], dtype=float32), array([0.          , 1.          , 0.60159355, 0.630
0.6464059  , 0.30148172], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985392 , 0.31119424, 0.24391055,
0.44632745, 0.86057687], dtype=float32), array([0.          , 1.          , 0.9980882 , 0.044
0.22833791, 0.9656764 ], dtype=float32), array([0.          , 1.          , 0.99696034, 0.533
0.6722965  , 0.80861175], dtype=float32), array([0.          , 1.          , 0.9906961 , 0.665
0.7793381  , 0.767282  ], dtype=float32), array([0.          , 1.          , 0.9543079 , 0.796
0.9207406  , 0.6720146 ], dtype=float32), array([0.          , 1.          , 0.79944235, 0.900
0.9572909  , 0.53162885], dtype=float32), array([0.          , 1.          , 0.7972413 , 0.737
0.8030491  , 0.59779954], dtype=float32), array([0.          , 1.          , 0.67683357, 0.936
0.9812002  , 0.37313908], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99862766, 0.31107527, 0.24439403,
0.44655865, 0.85843503], dtype=float32), array([0.          , 1.          , 0.9980354 , 0.044
0.22814673, 0.9638791 ], dtype=float32), array([0.          , 1.          , 0.997065   , 0.533
0.67216885, 0.809498  ], dtype=float32), array([0.          , 1.          , 0.99094474, 0.665
0.7788869  , 0.7680499 ], dtype=float32), array([0.          , 1.          , 0.9582262 , 0.798
0.9205087  , 0.6731719 ], dtype=float32), array([0.          , 1.          , 0.811676   , 0.901
0.9558026  , 0.52779996], dtype=float32), array([0.          , 1.          , 0.7769616 , 0.737
0.80340797, 0.5978818 ], dtype=float32), array([0.          , 1.          , 0.6577583 , 0.935
0.9810156  , 0.3752466 ], dtype=float32), array([0.          , 1.          , 0.6106857 , 0.630
0.6464137  , 0.30150253], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99858415, 0.3109414 , 0.24420056,
0.4461736  , 0.8580954 ], dtype=float32), array([0.          , 1.          , 0.9980045 , 0.043
0.228107   , 0.9656842 ], dtype=float32), array([0.          , 1.          , 0.9968273 , 0.532
0.6716833  , 0.8101679 ], dtype=float32), array([0.          , 1.          , 0.9914887 , 0.665
0.7777857  , 0.76826966], dtype=float32), array([0.          , 1.          , 0.9497627 , 0.796
0.9201872  , 0.6718651 ], dtype=float32), array([0.          , 1.          , 0.78299457, 0.900
0.95474875, 0.5280583 ], dtype=float32), array([0.          , 1.          , 0.70477   , 0.935
0.98096013, 0.37405345], dtype=float32), array([0.          , 1.          , 0.68658024, 0.735
0.8011371  , 0.60053706], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}

```



1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986168 , 0.3108542 , 0.2439079 ,
        0.44656932, 0.8589804 ], dtype=float32), array([0.          , 1.          , 0.99808073, 0.043
        0.22800761, 0.9662151 ], dtype=float32), array([0.          , 1.          , 0.9969722 , 0.533
        0.67215955, 0.8115236 ], dtype=float32), array([0.          , 1.          , 0.99187535, 0.665
        0.7773046 , 0.7679503 ], dtype=float32), array([0.          , 1.          , 0.95506835, 0.798
        0.9201613 , 0.6725502 ], dtype=float32), array([0.          , 1.          , 0.79278535, 0.900
        0.95405877, 0.52751744], dtype=float32), array([0.          , 1.          , 0.708616 , 0.719
        0.79331315, 0.6404236 ], dtype=float32), array([0.          , 1.          , 0.6606104 , 0.935
        0.98113894, 0.37498507], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9985562 , 0.3108791 , 0.24443874,
        0.44685292, 0.85981166], dtype=float32), array([0.          , 1.          , 0.9979412 , 0.043
        0.2280819 , 0.9665519 ], dtype=float32), array([0.          , 1.          , 0.9971771 , 0.529
        0.6717562 , 0.8117683 ], dtype=float32), array([0.          , 1.          , 0.99242276, 0.665
        0.7772057 , 0.7683276 ], dtype=float32), array([0.          , 1.          , 0.9493885 , 0.796
        0.92004657, 0.6717671 ], dtype=float32), array([0.          , 1.          , 0.81728303, 0.900
        0.953892 , 0.52778244], dtype=float32), array([0.          , 1.          , 0.7102265 , 0.935
        0.9811754 , 0.3751251 ], dtype=float32), array([0.          , 1.          , 0.70942193, 0.720
        0.7937781 , 0.6399994 ], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99857306, 0.31094515, 0.24390641,
        0.44653445, 0.861884 ], dtype=float32), array([0.          , 1.          , 0.99808073, 0.043
        0.22810465, 0.964738 ], dtype=float32), array([0.          , 1.          , 0.9973888 , 0.529
        0.67249155, 0.81110954], dtype=float32), array([0.          , 1.          , 0.9929061 , 0.665
        0.7772539 , 0.76884806], dtype=float32), array([0.          , 1.          , 0.95531917, 0.796
        0.9201978 , 0.6721617 ], dtype=float32), array([0.          , 1.          , 0.77218735, 0.901
        0.95373404, 0.52690196], dtype=float32), array([0.          , 1.          , 0.68679035, 0.720
        0.79421353, 0.6393739 ], dtype=float32), array([0.          , 1.          , 0.68278533, 0.934
        0.98106873, 0.37590683], dtype=float32), array([0.          , 1.          , 0.6263528 , 0.629
        0.64604187, 0.30180022], dtype=float32), array([0.          , 1.          , 0.60439897, 0.955
        0.9989644 , 0.57394075], dtype=float32)]
```

Total People in frame = 10

Number of people in queue = {1: 1, 2: 2}

1 1

2 2

Running Inference

```
[array([0.          , 1.          , 0.99851626, 0.3110382 , 0.2439667 ,
```

```

0.44645548, 0.86099446], dtype=float32), array([0.          , 1.          , 0.99821776, 0.043
0.22846581, 0.96307063], dtype=float32), array([0.          , 1.          , 0.99771273, 0.530
0.673204   , 0.81085545], dtype=float32), array([0.          , 1.          , 0.9931229 , 0.665
0.77687746, 0.7690096 ], dtype=float32), array([0.          , 1.          , 0.950503   , 0.796
0.91996694, 0.67184114], dtype=float32), array([0.          , 1.          , 0.769427   , 0.899
0.9531368  , 0.5281069 ], dtype=float32), array([0.          , 1.          , 0.6918098 , 0.720
0.7936958  , 0.63807535], dtype=float32), array([0.          , 1.          , 0.684264   , 0.935
0.981124   , 0.37527046], dtype=float32), array([0.          , 1.          , 0.6329567 , 0.630
0.64617306, 0.3014076 ], dtype=float32), array([0.          , 1.          , 0.6109178, 0.954917
0.5738918], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99852777, 0.31088662, 0.24303424,
0.445401   , 0.86086094], dtype=float32), array([0.          , 1.          , 0.9981541 , 0.042
0.22819893, 0.96360475], dtype=float32), array([0.          , 1.          , 0.99788433, 0.530
0.6747055  , 0.8115642 ], dtype=float32), array([0.          , 1.          , 0.9923044 , 0.665
0.77654916, 0.76732415], dtype=float32), array([0.          , 1.          , 0.95506835, 0.797
0.91994643, 0.67171144], dtype=float32), array([0.          , 1.          , 0.7789858 , 0.900
0.95387524, 0.5270859 ], dtype=float32), array([0.          , 1.          , 0.72389543, 0.721
0.7935541  , 0.6375864 ], dtype=float32), array([0.          , 1.          , 0.6755506 , 0.934
0.98111075, 0.3763585 ], dtype=float32), array([0.          , 1.          , 0.67276186, 0.629
0.6457347  , 0.30124706], dtype=float32), array([0.          , 1.          , 0.61831963, 0.954
0.9987413  , 0.57419384], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99847525, 0.31093773, 0.24308604,
0.4443402  , 0.8631188 ], dtype=float32), array([0.          , 1.          , 0.9980957 , 0.044
0.22842106, 0.96339756], dtype=float32), array([0.          , 1.          , 0.99784267, 0.528
0.67553043, 0.8094499 ], dtype=float32), array([0.          , 1.          , 0.9926542 , 0.664
0.7764571  , 0.7647928 ], dtype=float32), array([0.          , 1.          , 0.9486325 , 0.795
0.92004794, 0.6709844 ], dtype=float32), array([0.          , 1.          , 0.74279505, 0.900
0.9536712  , 0.52741647], dtype=float32), array([0.          , 1.          , 0.7106283, 0.718400
0.6443225], dtype=float32), array([0.          , 1.          , 0.65290564, 0.6301001 , 0.2317
0.64596313, 0.3004645 ], dtype=float32), array([0.          , 1.          , 0.6173973 , 0.935
0.9815307  , 0.37522256], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99847525, 0.31089714, 0.24330297,
0.44461915, 0.8624282 ], dtype=float32), array([0.          , 1.          , 0.9981104 , 0.527

```

```

0.67518985, 0.8110118 ], dtype=float32), array([0.          , 1.          , 0.99804294, 0.046
0.22847718, 0.9630971 ], dtype=float32), array([0.          , 1.          , 0.99273914, 0.666
0.7768735 , 0.7667124 ], dtype=float32), array([0.          , 1.          , 0.9549004 , 0.797
0.91987467, 0.6717315 ], dtype=float32), array([0.          , 1.          , 0.77115494, 0.901
0.9542834 , 0.52726597], dtype=float32), array([0.          , 1.          , 0.70821255, 0.719
0.792692  , 0.64307743], dtype=float32), array([0.          , 1.          , 0.6971968 , 0.629
0.64520323, 0.30066025], dtype=float32), array([0.          , 1.          , 0.639511  , 0.956
0.999305  , 0.57471853], dtype=float32), array([0.          , 1.          , 0.6048658 , 0.935
0.9815397 , 0.3757973 ], dtype=float32)]
Total People in frame = 10
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9985104 , 0.31106654, 0.2449339 ,
0.44501075, 0.8634624 ], dtype=float32), array([0.          , 1.          , 0.99812514, 0.527
0.67430717, 0.8117688 ], dtype=float32), array([0.          , 1.          , 0.99784267, 0.048
0.22815302, 0.9661486 ], dtype=float32), array([0.          , 1.          , 0.9928786 , 0.666
0.7771336 , 0.7657455 ], dtype=float32), array([0.          , 1.          , 0.9505948 , 0.796
0.92022985, 0.6718551 ], dtype=float32), array([0.          , 1.          , 0.7505528 , 0.901
0.9549959 , 0.5288193 ], dtype=float32), array([0.          , 1.          , 0.64063585, 0.717
0.7927755 , 0.6493148 ], dtype=float32), array([0.          , 1.          , 0.6340903, 0.630064
0.3001338], dtype=float32), array([0.          , 1.          , 0.6099889 , 0.9564278 , 0.2804
0.999411  , 0.5769427 ], dtype=float32)]
Total People in frame = 9
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99849296, 0.31131756, 0.24525356,
0.44541883, 0.8610698 ], dtype=float32), array([0.          , 1.          , 0.9980506 , 0.526
0.67340285, 0.81204623], dtype=float32), array([0.          , 1.          , 0.9973786 , 0.048
0.22730355, 0.96659213], dtype=float32), array([0.          , 1.          , 0.9923341 , 0.667
0.7760726 , 0.7654302 ], dtype=float32), array([0.          , 1.          , 0.95257413, 0.795
0.9201155 , 0.6717612 ], dtype=float32), array([0.          , 1.          , 0.7140302 , 0.900
0.9546366 , 0.5287498 ], dtype=float32), array([0.          , 1.          , 0.65135485, 0.718
0.792935  , 0.650339  ], dtype=float32), array([0.          , 1.          , 0.62863547, 0.630
0.6463278 , 0.3005353 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99847525, 0.31137976, 0.24526438,
0.44535664, 0.8611182 ], dtype=float32), array([0.          , 1.          , 0.9980354 , 0.525
0.67313486, 0.8106998 ], dtype=float32), array([0.          , 1.          , 0.99712163, 0.050
0.22310898, 0.95615983], dtype=float32), array([0.          , 1.          , 0.99158704, 0.667
0.77616465, 0.7642284 ], dtype=float32), array([0.          , 1.          , 0.953188  , 0.795

```

```

        0.92056316, 0.6724156 ], dtype=float32), array([0.          , 1.          , 0.6751224 , 0.900
        0.9544786 , 0.53123295], dtype=float32), array([0.          , 1.          , 0.6238353 , 0.718
        0.79319936, 0.65237004], dtype=float32), array([0.          , 1.          , 0.61855006, 0.630
        0.64587617, 0.29981208], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.9984988 , 0.31121418, 0.24602747,
        0.445985  , 0.86076975], dtype=float32), array([0.          , 1.          , 0.9981756 , 0.526
        0.6739666 , 0.8080215 ], dtype=float32), array([0.          , 1.          , 0.99727446, 0.051
        0.22284088, 0.9551517 ], dtype=float32), array([0.          , 1.          , 0.9923044 , 0.667
        0.7761187 , 0.7652464 ], dtype=float32), array([0.          , 1.          , 0.953362  , 0.796
        0.92067564, 0.67140466], dtype=float32), array([0.          , 1.          , 0.6256669 , 0.900
        0.954473  , 0.5316231 ], dtype=float32), array([0.          , 1.          , 0.62154096, 0.717
        0.7927953 , 0.65496445], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99843305, 0.3109651 , 0.24539518,
        0.44687918, 0.8605728 ], dtype=float32), array([0.          , 1.          , 0.9981324 , 0.525
        0.6742665 , 0.80806327], dtype=float32), array([0.          , 1.          , 0.997399  , 0.053
        0.22246432, 0.9554932 ], dtype=float32), array([0.          , 1.          , 0.9926542 , 0.667
        0.77522624, 0.7646497 ], dtype=float32), array([0.          , 1.          , 0.95447797, 0.796
        0.9204546 , 0.67239165], dtype=float32), array([0.          , 1.          , 0.62520933, 0.717
        0.79214257, 0.65247834], dtype=float32), array([0.          , 1.          , 0.6104535 , 0.630
        0.6459648 , 0.3002694 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99835795, 0.3110357 , 0.24467584,
        0.446486  , 0.860996  ], dtype=float32), array([0.          , 1.          , 0.9979493 , 0.527
        0.6735793 , 0.8078644 ], dtype=float32), array([0.          , 1.          , 0.9975656 , 0.054
        0.22227651, 0.9555149 ], dtype=float32), array([0.          , 1.          , 0.99304235, 0.667
        0.77496547, 0.7653624 ], dtype=float32), array([0.          , 1.          , 0.9548163 , 0.796
        0.9204724 , 0.67243135], dtype=float32), array([0.          , 1.          , 0.6606104 , 0.738
        0.80274266, 0.6054665 ], dtype=float32), array([0.          , 1.          , 0.6074303 , 0.630
        0.6462074 , 0.30036333], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference

```

```

[array([0.          , 1.          , 0.9983059 , 0.31117806, 0.24377984,
        0.44718507, 0.8618328 ], dtype=float32), array([0.          , 1.          , 0.9982248 , 0.526
        0.67381173, 0.80841994], dtype=float32), array([0.          , 1.          , 0.9976949 , 0.055
        0.22234967, 0.9556315 ], dtype=float32), array([0.          , 1.          , 0.993255 , 0.666
        0.77467996, 0.7646364 ], dtype=float32), array([0.          , 1.          , 0.9549844, 0.796646
        0.6725401], dtype=float32), array([0.          , 1.          , 0.69035035, 0.7387689 , 0.2407
        0.80304295, 0.60478824], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981324 , 0.52776855, 0.22033784,
        0.6728303 , 0.8081188 ], dtype=float32), array([0.          , 1.          , 0.9980506 , 0.311
        0.4470567 , 0.8621737 ], dtype=float32), array([0.          , 1.          , 0.9976859 , 0.054
        0.2223835 , 0.95518565], dtype=float32), array([0.          , 1.          , 0.99356186, 0.666
        0.7751645 , 0.765676  ], dtype=float32), array([0.          , 1.          , 0.9571178 , 0.796
        0.9204288 , 0.6730992 ], dtype=float32), array([0.          , 1.          , 0.7606507 , 0.740
        0.80438745, 0.60458237], dtype=float32), array([0.          , 1.          , 0.6018276 , 0.630
        0.64622766, 0.3002668 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 2}
1 1
2 2
Running Inference
[array([0.          , 1.          , 0.99823856, 0.5286089 , 0.2205956 ,
        0.67288744, 0.8078315 ], dtype=float32), array([0.          , 1.          , 0.99801993, 0.311
        0.44776154, 0.86275595], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.053
        0.2220825 , 0.9536201 ], dtype=float32), array([0.          , 1.          , 0.9938788 , 0.666
        0.7748041 , 0.76507896], dtype=float32), array([0.          , 1.          , 0.9565531 , 0.796
        0.9203271 , 0.67347986], dtype=float32), array([0.          , 1.          , 0.8062431 , 0.742
        0.8066945 , 0.6037421 ], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982248 , 0.529641 , 0.22075415,
        0.67256707, 0.8077321 ], dtype=float32), array([0.          , 1.          , 0.9978173 , 0.311
        0.44694287, 0.86244076], dtype=float32), array([0.          , 1.          , 0.99743915, 0.053
        0.22183192, 0.95235217], dtype=float32), array([0.          , 1.          , 0.99394965, 0.666
        0.7746261 , 0.7618011 ], dtype=float32), array([0.          , 1.          , 0.9559813 , 0.796
        0.9204981 , 0.6724621 ], dtype=float32), array([0.          , 1.          , 0.79881525, 0.743
        0.808343 , 0.60273933], dtype=float32)]
Total People in frame = 6
Number of people in queue = {1: 1, 2: 1}
1 1
2 1

```

Running Inference

```
[array([0.          , 1.          , 0.998147  , 0.5306179 , 0.22114414,
        0.6717444 , 0.8093558 ], dtype=float32), array([0.          , 1.          , 0.997917  , 0.311
        0.44710827, 0.86340207], dtype=float32), array([0.          , 1.          , 0.99750805, 0.052
        0.22184837, 0.9519898 ], dtype=float32), array([0.          , 1.          , 0.99437994, 0.667
        0.77494824, 0.7613347 ], dtype=float32), array([0.          , 1.          , 0.9570375 , 0.796
        0.92048573, 0.6736926 ], dtype=float32), array([0.          , 1.          , 0.80162543, 0.745
        0.81046474, 0.602815  ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99818975, 0.31066805, 0.23812988,
        0.44661528, 0.8630409 ], dtype=float32), array([0.          , 1.          , 0.99792516, 0.531
        0.67138565, 0.8096902 ], dtype=float32), array([0.          , 1.          , 0.9976949, 0.051665
        0.9507316], dtype=float32), array([0.          , 1.          , 0.9943141 , 0.6663828 , 0.2374
        0.7749293 , 0.76037145], dtype=float32), array([0.          , 1.          , 0.9554856 , 0.796
        0.92106265, 0.6741589 ], dtype=float32), array([0.          , 1.          , 0.78299457, 0.745
        0.81132686, 0.60327804], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.997917  , 0.31128654, 0.23781005,
        0.44623515, 0.8656113 ], dtype=float32), array([0.          , 1.          , 0.9976586 , 0.533
        0.6709525 , 0.81021005], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.050
        0.22166428, 0.9509703 ], dtype=float32), array([0.          , 1.          , 0.9943141 , 0.665
        0.7752911 , 0.76102775], dtype=float32), array([0.          , 1.          , 0.9566342 , 0.796
        0.92111254, 0.67309475], dtype=float32), array([0.          , 1.          , 0.83682144, 0.745
        0.81065834, 0.6008795 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99793327, 0.31121323, 0.23821244,
        0.44639263, 0.8620107 ], dtype=float32), array([0.          , 1.          , 0.9976586 , 0.051
        0.22151968, 0.9504645 ], dtype=float32), array([0.          , 1.          , 0.9975751 , 0.534
        0.6712762 , 0.8100697 ], dtype=float32), array([0.          , 1.          , 0.99424744, 0.665
        0.77557933, 0.76298565], dtype=float32), array([0.          , 1.          , 0.95565146, 0.794
        0.92130905, 0.6748456 ], dtype=float32), array([0.          , 1.          , 0.88759494, 0.744
        0.8094518 , 0.59651446], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.997783  , 0.3112223 , 0.23791176,
        0.44571042, 0.8625483 ], dtype=float32), array([0.          , 1.          , 0.997537  , 0.050344
        0.9499606], dtype=float32), array([0.          , 1.          , 0.9975177 , 0.5345218 , 0.2212
        0.6717496 , 0.80868655], dtype=float32), array([0.          , 1.          , 0.9943581  , 0.666
        0.7752585 , 0.7623358 ], dtype=float32), array([0.          , 1.          , 0.9563905  , 0.794
        0.92121685, 0.6750395 ], dtype=float32), array([0.          , 1.          , 0.9001793  , 0.745
        0.81039095, 0.5959033 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975751 , 0.53607976, 0.22169793,
        0.6719341 , 0.80844665], dtype=float32), array([0.          , 1.          , 0.99749833, 0.049
        0.22160366, 0.9495238 ], dtype=float32), array([0.          , 1.          , 0.9973786  , 0.311
        0.44457054, 0.8630458 ], dtype=float32), array([0.          , 1.          , 0.9942697  , 0.665
        0.7758338 , 0.76270986], dtype=float32), array([0.          , 1.          , 0.96432143, 0.796
        0.92084086, 0.6764809 ], dtype=float32), array([0.          , 1.          , 0.93686515, 0.747
        0.81338996, 0.59835064], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9975466 , 0.32661766, 0.25136322,
        0.44739002, 0.8586914 ], dtype=float32), array([0.          , 1.          , 0.99749833, 0.049
        0.2217282 , 0.9499903 ], dtype=float32), array([0.          , 1.          , 0.9974788  , 0.533
        0.67195696, 0.80784005], dtype=float32), array([0.          , 1.          , 0.9944666  , 0.666
        0.7762938 , 0.76347685], dtype=float32), array([0.          , 1.          , 0.9635748 , 0.796766
        0.6770336], dtype=float32), array([0.          , 1.          , 0.94994867, 0.74748605, 0.2319
        0.81273407, 0.5987451 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9976126 , 0.05039372, 0.2668439 ,
        0.22196208, 0.9513838 ], dtype=float32), array([0.          , 1.          , 0.9975274  , 0.525
        0.67289716, 0.8069223 ], dtype=float32), array([0.          , 1.          , 0.9974191  , 0.328
        0.44608447, 0.858904  ], dtype=float32), array([0.          , 1.          , 0.994615  , 0.666
        0.7763933 , 0.76490164], dtype=float32), array([0.          , 1.          , 0.9554856  , 0.794
        0.9212068 , 0.67757714], dtype=float32), array([0.          , 1.          , 0.9528382  , 0.747
        0.8127912 , 0.598378  ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99758446, 0.05019346, 0.26563644,
        0.2218959 , 0.9505776 ], dtype=float32), array([0.          , 1.          , 0.99750805, 0.328
        0.44533783, 0.86201644], dtype=float32), array([0.          , 1.          , 0.997399 , 0.528
        0.67177737, 0.80750036], dtype=float32), array([0.          , 1.          , 0.99440175, 0.667
        0.77638024, 0.7635585 ], dtype=float32), array([0.          , 1.          , 0.9639161 , 0.747
        0.81511456, 0.6005358 ], dtype=float32), array([0.          , 1.          , 0.950411 , 0.792
        0.9218492 , 0.6787246 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9976769 , 0.3286892 , 0.2523211 ,
        0.44516423, 0.8625307 ], dtype=float32), array([0.          , 1.          , 0.9975274 , 0.049
        0.22209992, 0.9513268 ], dtype=float32), array([0.          , 1.          , 0.9967397 , 0.533
        0.67134225, 0.80668706], dtype=float32), array([0.          , 1.          , 0.99437994, 0.666
        0.77650934, 0.76331985], dtype=float32), array([0.          , 1.          , 0.9530133 , 0.746
        0.8160073 , 0.60196525], dtype=float32), array([0.          , 1.          , 0.9422947, 0.790579
        0.6790013], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99750805, 0.3285033 , 0.25223222,
        0.4454342 , 0.8632711 ], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.048
        0.22231773, 0.9501325 ], dtype=float32), array([0.          , 1.          , 0.996503 , 0.531
        0.6721584 , 0.80507374], dtype=float32), array([0.          , 1.          , 0.99437994, 0.666
        0.77645963, 0.76306033], dtype=float32), array([0.          , 1.          , 0.95379424, 0.746
        0.8163633 , 0.6022531 ], dtype=float32), array([0.          , 1.          , 0.9291838 , 0.788
        0.92375904, 0.67939055], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.997783 , 0.32816467, 0.25073853,
        0.4462777 , 0.8622774 ], dtype=float32), array([0.          , 1.          , 0.9975177 , 0.046
        0.22751409, 0.96455383], dtype=float32), array([0.          , 1.          , 0.99671423, 0.532
        0.67188317, 0.80566776], dtype=float32), array([0.          , 1.          , 0.99394965, 0.666
        0.776474 , 0.762889 ], dtype=float32), array([0.          , 1.          , 0.94891727, 0.747
        0.81681997, 0.6020157 ], dtype=float32), array([0.          , 1.          , 0.92723167, 0.788
        0.92408264, 0.6809647 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1



Running Inference

```
[array([0.          , 1.          , 0.99792516, 0.32820153, 0.25014907,
        0.44685793, 0.8597278 ], dtype=float32), array([0.          , 1.          , 0.9978002 , 0.043
        0.2279426 , 0.96510625], dtype=float32), array([0.          , 1.          , 0.9971328 , 0.530
        0.6721739 , 0.8056108 ], dtype=float32), array([0.          , 1.          , 0.99343574, 0.666
        0.77694213, 0.7631457 ], dtype=float32), array([0.          , 1.          , 0.9590778 , 0.746
        0.81651306, 0.6022142 ], dtype=float32), array([0.          , 1.          , 0.92995113, 0.789
        0.9240445 , 0.6792492 ], dtype=float32)]
```

Total People in frame = 6

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9979412 , 0.0433609 , 0.27050096,
        0.22820044, 0.9650461 ], dtype=float32), array([0.          , 1.          , 0.99792516, 0.328
        0.44697595, 0.86048007], dtype=float32), array([0.          , 1.          , 0.9974788 , 0.529
        0.6725744 , 0.80436313], dtype=float32), array([0.          , 1.          , 0.99256825, 0.666
        0.7776248 , 0.76335216], dtype=float32), array([0.          , 1.          , 0.9629529 , 0.745
        0.8168181 , 0.60291374], dtype=float32), array([0.          , 1.          , 0.93007815, 0.789
        0.92426324, 0.67967236], dtype=float32), array([0.          , 1.          , 0.611614 , 0.901
        0.96032625, 0.5359132 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99804294, 0.04335525, 0.27031296,
        0.2283031 , 0.96445125], dtype=float32), array([0.          , 1.          , 0.99801993, 0.329
        0.44730765, 0.8639517 ], dtype=float32), array([0.          , 1.          , 0.99729556, 0.527
        0.67150897, 0.80531466], dtype=float32), array([0.          , 1.          , 0.9921841 , 0.666
        0.77800196, 0.76319206], dtype=float32), array([0.          , 1.          , 0.9566342 , 0.744
        0.816138 , 0.60278314], dtype=float32), array([0.          , 1.          , 0.93379396, 0.791
        0.923559 , 0.67830807], dtype=float32), array([0.          , 1.          , 0.6004227 , 0.901
        0.9603443 , 0.5352081 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9979007 , 0.3274364 , 0.25030345,
        0.44767916, 0.8614095 ], dtype=float32), array([0.          , 1.          , 0.99783427, 0.044
        0.22775176, 0.96659195], dtype=float32), array([0.          , 1.          , 0.9964894 , 0.531
        0.67180204, 0.80350566], dtype=float32), array([0.          , 1.          , 0.99193794, 0.666
        0.7771084 , 0.76339304], dtype=float32), array([0.          , 1.          , 0.93674946, 0.792
        0.92331785, 0.6757085 ], dtype=float32), array([0.          , 1.          , 0.93569994, 0.743
        0.81431973, 0.60189635], dtype=float32), array([0.          , 1.          , 0.6190108 , 0.902
        0.96036446, 0.53416264], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9976586 , 0.31189483, 0.23622847,
        0.44458914, 0.86636376], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.045
        0.22757627, 0.9656208 ], dtype=float32), array([0.          , 1.          , 0.9961004 , 0.531
        0.67125934, 0.8025073 ], dtype=float32), array([0.          , 1.          , 0.99135584, 0.666
        0.77764195, 0.76340175], dtype=float32), array([0.          , 1.          , 0.93674946, 0.744
        0.81518435, 0.6025008 ], dtype=float32), array([0.          , 1.          , 0.92995113, 0.791
        0.9233806 , 0.67593426], dtype=float32), array([0.          , 1.          , 0.6984323 , 0.903
        0.96013945, 0.53156906], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9981756 , 0.3097539 , 0.2377708 ,
        0.44479477, 0.86482143], dtype=float32), array([0.          , 1.          , 0.9976311 , 0.045
        0.22746816, 0.9659258 ], dtype=float32), array([0.          , 1.          , 0.996557 , 0.536
        0.6709667 , 0.80227673], dtype=float32), array([0.          , 1.          , 0.9913892 , 0.666
        0.77820647, 0.76377237], dtype=float32), array([0.          , 1.          , 0.93616843, 0.743
        0.8145583 , 0.6007352 ], dtype=float32), array([0.          , 1.          , 0.9216402 , 0.787
        0.923528 , 0.67820895], dtype=float32), array([0.          , 1.          , 0.73866904, 0.903
        0.96012324, 0.53094155], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99824536, 0.30838177, 0.23779973,
        0.4445682 , 0.8644371 ], dtype=float32), array([0.          , 1.          , 0.99746895, 0.046
        0.22733888, 0.9659472 ], dtype=float32), array([0.          , 1.          , 0.9957684 , 0.538
        0.67207974, 0.8048272 ], dtype=float32), array([0.          , 1.          , 0.99190676, 0.665
        0.7783326 , 0.76417494], dtype=float32), array([0.          , 1.          , 0.9429286 , 0.744
        0.81496924, 0.600337 ], dtype=float32), array([0.          , 1.          , 0.9217811 , 0.787
        0.9234017 , 0.67842394], dtype=float32), array([0.          , 1.          , 0.7813307 , 0.903
        0.958483 , 0.5255941 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982039 , 0.30824593, 0.23779118,
        0.443498 , 0.8635572 ], dtype=float32), array([0.          , 1.          , 0.9975751 , 0.046
        0.22758955, 0.9658633 ], dtype=float32), array([0.          , 1.          , 0.9951325 , 0.537
        0.6721501 , 0.80523217], dtype=float32), array([0.          , 1.          , 0.99273914, 0.665
        0.77753377, 0.76315343], dtype=float32), array([0.          , 1.          , 0.93880075, 0.744
```

```

        0.81467736, 0.6014384 ], dtype=float32), array([0.          , 1.          , 0.9308365 , 0.788
        0.9228952 , 0.67790526], dtype=float32), array([0.          , 1.          , 0.7371581 , 0.904
        0.9577276 , 0.5234742 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99805814, 0.30861127, 0.23729166,
        0.4432308 , 0.86328685], dtype=float32), array([0.          , 1.          , 0.9974191 , 0.046
        0.22753295, 0.9651873 ], dtype=float32), array([0.          , 1.          , 0.9946568 , 0.536
        0.67224824, 0.80635077], dtype=float32), array([0.          , 1.          , 0.9926542 , 0.665
        0.77731884, 0.76352704], dtype=float32), array([0.          , 1.          , 0.9372108 , 0.789
        0.92240536, 0.6776694 ], dtype=float32), array([0.          , 1.          , 0.93546456, 0.743
        0.8143784 , 0.6030095 ], dtype=float32), array([0.          , 1.          , 0.73829186, 0.904
        0.9572057 , 0.52539593], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981828 , 0.30908453, 0.23821107,
        0.4422527 , 0.86313736], dtype=float32), array([0.          , 1.          , 0.9976126 , 0.046
        0.22764564, 0.96507263], dtype=float32), array([0.          , 1.          , 0.9947391 , 0.536
        0.67250353, 0.8064662 ], dtype=float32), array([0.          , 1.          , 0.9927672 , 0.665
        0.77687705, 0.763103  ], dtype=float32), array([0.          , 1.          , 0.94796216, 0.792
        0.92242044, 0.67753935], dtype=float32), array([0.          , 1.          , 0.927757  , 0.743
        0.8142466 , 0.6025157 ], dtype=float32), array([0.          , 1.          , 0.7882574 , 0.903
        0.95737576, 0.52678216], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981324 , 0.30958712, 0.23842448,
        0.44176412, 0.86487836], dtype=float32), array([0.          , 1.          , 0.9974788 , 0.046
        0.22763106, 0.96545756], dtype=float32), array([0.          , 1.          , 0.99437994, 0.537
        0.6729741 , 0.80523515], dtype=float32), array([0.          , 1.          , 0.99361163, 0.665
        0.7758185 , 0.76355374], dtype=float32), array([0.          , 1.          , 0.95077795, 0.793
        0.92306703, 0.67836106], dtype=float32), array([0.          , 1.          , 0.9256343 , 0.744
        0.8131104 , 0.60004973], dtype=float32), array([0.          , 1.          , 0.77011925, 0.903
        0.9575112 , 0.5257674 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998259  , 0.3096017 , 0.23860672,

```

```

0.44131485, 0.8638078 ], dtype=float32), array([0.          , 1.          , 0.99762183, 0.046
0.22768173, 0.96407676], dtype=float32), array([0.          , 1.          , 0.9943141 , 0.537
0.6731884 , 0.80540365], dtype=float32), array([0.          , 1.          , 0.99361163, 0.665
0.7754492 , 0.76430714], dtype=float32), array([0.          , 1.          , 0.96050966, 0.795
0.9219988 , 0.67757106], dtype=float32), array([0.          , 1.          , 0.9223426 , 0.744
0.8110527 , 0.59612143], dtype=float32), array([0.          , 1.          , 0.7610061 , 0.904
0.95773005, 0.52528584], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982317 , 0.30979803, 0.23887777,
0.4404734 , 0.8637736 ], dtype=float32), array([0.          , 1.          , 0.99740905, 0.047
0.2274361 , 0.96703875], dtype=float32), array([0.          , 1.          , 0.9940428 , 0.665
0.7752638 , 0.7648976 ], dtype=float32), array([0.          , 1.          , 0.99394965, 0.538
0.67313665, 0.8043312 ], dtype=float32), array([0.          , 1.          , 0.9614615 , 0.796
0.92147297, 0.6764721 ], dtype=float32), array([0.          , 1.          , 0.90894175, 0.745
0.8099006 , 0.5952783 ], dtype=float32), array([0.          , 1.          , 0.7275884 , 0.904
0.9570397 , 0.52660185], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9981969 , 0.30994016, 0.2388311 ,
0.4406538 , 0.8638795 ], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.047
0.22736947, 0.9662943 ], dtype=float32), array([0.          , 1.          , 0.99401975, 0.665
0.7754247 , 0.76590574], dtype=float32), array([0.          , 1.          , 0.99378294, 0.539
0.6727653 , 0.80520344], dtype=float32), array([0.          , 1.          , 0.96021223, 0.796
0.9219922 , 0.6756457 ], dtype=float32), array([0.          , 1.          , 0.8897206 , 0.743
0.80771804, 0.5937373 ], dtype=float32), array([0.          , 1.          , 0.6761924 , 0.904
0.9572445 , 0.52676517], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982039 , 0.31014088, 0.2382468 ,
0.44094393, 0.8647007 ], dtype=float32), array([0.          , 1.          , 0.9974491 , 0.047
0.22734028, 0.96558326], dtype=float32), array([0.          , 1.          , 0.99394965, 0.665
0.7750922 , 0.76458114], dtype=float32), array([0.          , 1.          , 0.9938309 , 0.540
0.6726127 , 0.8065103 ], dtype=float32), array([0.          , 1.          , 0.95506835, 0.795
0.9227073 , 0.67571604], dtype=float32), array([0.          , 1.          , 0.87514824, 0.742
0.8075565 , 0.5937828 ], dtype=float32), array([0.          , 1.          , 0.7166154 , 0.904
0.9568102 , 0.52621853], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}

```

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9982993 , 0.30950078, 0.23729953,
        0.44138768, 0.8646411 ], dtype=float32), array([0.          , 1.          , 0.997399 , 0.047
        0.22740462, 0.9657712 ], dtype=float32), array([0.          , 1.          , 0.9940659 , 0.665
        0.77572554, 0.7654395 ], dtype=float32), array([0.          , 1.          , 0.9939261 , 0.543
        0.6727199 , 0.8057794 ], dtype=float32), array([0.          , 1.          , 0.94985574, 0.793
        0.92243373, 0.676023  ], dtype=float32), array([0.          , 1.          , 0.8785229 , 0.742
        0.8078723 , 0.5919603 ], dtype=float32), array([0.          , 1.          , 0.6466834 , 0.904
        0.9569373 , 0.52700424], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9983321 , 0.3091176 , 0.23655444,
        0.44154653, 0.86461633], dtype=float32), array([0.          , 1.          , 0.9975274 , 0.047
        0.22752103, 0.9645572 ], dtype=float32), array([0.          , 1.          , 0.994089 , 0.666
        0.77611256, 0.76687354], dtype=float32), array([0.          , 1.          , 0.99373454, 0.541
        0.6723738 , 0.8049413 ], dtype=float32), array([0.          , 1.          , 0.94966936, 0.794
        0.9221474 , 0.67466414], dtype=float32), array([0.          , 1.          , 0.87278175, 0.742
        0.8076184 , 0.59155554], dtype=float32), array([0.          , 1.          , 0.62543815, 0.904
        0.95724016, 0.5291455 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984452 , 0.30866504, 0.23665112,
        0.44177467, 0.86380893], dtype=float32), array([0.          , 1.          , 0.9973888 , 0.047
        0.22749251, 0.96497667], dtype=float32), array([0.          , 1.          , 0.9943141 , 0.666
        0.7764653 , 0.7668841 ], dtype=float32), array([0.          , 1.          , 0.9940659 , 0.542
        0.6717881 , 0.8048147 ], dtype=float32), array([0.          , 1.          , 0.95239735, 0.794
        0.9225142 , 0.6750084 ], dtype=float32), array([0.          , 1.          , 0.86815757, 0.743
        0.80813414, 0.59177464], dtype=float32), array([0.          , 1.          , 0.63454336, 0.903
        0.95844066, 0.530808  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9984452 , 0.30845827, 0.23645583,
        0.44290704, 0.86465573], dtype=float32), array([0.          , 1.          , 0.9973684 , 0.047
        0.2275841 , 0.96512675], dtype=float32), array([0.          , 1.          , 0.99444515, 0.541
        0.6723272 , 0.804853  ], dtype=float32), array([0.          , 1.          , 0.99440175, 0.666
        0.7764573 , 0.76650363], dtype=float32), array([0.          , 1.          , 0.95266235, 0.795
        0.9222532 , 0.6748574 ], dtype=float32), array([0.          , 1.          , 0.86153823, 0.742
```

```

        0.80808145, 0.59231687], dtype=float32), array([0.          , 1.          , 0.67426497, 0.903
        0.95830274, 0.5294719 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985221 , 0.30813992, 0.23706236,
        0.44314122, 0.8652929 ], dtype=float32), array([0.          , 1.          , 0.99729556, 0.047
        0.22744352, 0.9652734 ], dtype=float32), array([0.          , 1.          , 0.9948001 , 0.666
        0.7763915 , 0.7661611 ], dtype=float32), array([0.          , 1.          , 0.9939731 , 0.542
        0.6727136 , 0.8037869 ], dtype=float32), array([0.          , 1.          , 0.954393 , 0.795
        0.92279637, 0.67467946], dtype=float32), array([0.          , 1.          , 0.8716935 , 0.743
        0.8086134 , 0.5923173 ], dtype=float32), array([0.          , 1.          , 0.6905591 , 0.901
        0.96195376, 0.5383966 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985952 , 0.30776542, 0.23726997,
        0.4427865 , 0.8646115 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.047
        0.2277018 , 0.9652442 ], dtype=float32), array([0.          , 1.          , 0.99482024, 0.667
        0.7759897 , 0.7652092 ], dtype=float32), array([0.          , 1.          , 0.99433607, 0.541
        0.672035 , 0.8032641 ], dtype=float32), array([0.          , 1.          , 0.95239735, 0.795
        0.92216146, 0.6749276 ], dtype=float32), array([0.          , 1.          , 0.8603692 , 0.742
        0.8082114 , 0.59288085], dtype=float32), array([0.          , 1.          , 0.7697733 , 0.902
        0.9603004 , 0.5331228 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985952 , 0.30765584, 0.23779407,
        0.44321862, 0.8638505 ], dtype=float32), array([0.          , 1.          , 0.99712163, 0.047
        0.22745438, 0.96568924], dtype=float32), array([0.          , 1.          , 0.9946568 , 0.667
        0.7763879 , 0.76378787], dtype=float32), array([0.          , 1.          , 0.994615 , 0.539
        0.6723666 , 0.8036045 ], dtype=float32), array([0.          , 1.          , 0.953362 , 0.795
        0.9221491 , 0.67451406], dtype=float32), array([0.          , 1.          , 0.8793541 , 0.743
        0.80987304, 0.593643 ], dtype=float32), array([0.          , 1.          , 0.82446194, 0.901
        0.9602143 , 0.53233576], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99863297, 0.30767095, 0.23764667,
        0.44351202, 0.86459017], dtype=float32), array([0.          , 1.          , 0.9971104 , 0.047

```

```

0.22748828, 0.9657874 ], dtype=float32), array([0.          , 1.          , 0.99499834, 0.537
0.6726467 , 0.8034455 ], dtype=float32), array([0.          , 1.          , 0.9946359 , 0.668
0.77610636, 0.76340085], dtype=float32), array([0.          , 1.          , 0.95447797, 0.795
0.9221445 , 0.67457247], dtype=float32), array([0.          , 1.          , 0.87234735, 0.743
0.8094959 , 0.5950462 ], dtype=float32), array([0.          , 1.          , 0.8472109 , 0.901
0.9594773 , 0.5319799 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985896 , 0.3078995 , 0.23703071,
0.44305912, 0.86621284], dtype=float32), array([0.          , 1.          , 0.99696034, 0.047
0.22709696, 0.96628237], dtype=float32), array([0.          , 1.          , 0.99497885, 0.535
0.672478 , 0.8039083 ], dtype=float32), array([0.          , 1.          , 0.99459416, 0.667
0.7759419 , 0.7641306 ], dtype=float32), array([0.          , 1.          , 0.95473194, 0.795
0.9219489 , 0.6749321 ], dtype=float32), array([0.          , 1.          , 0.839734 , 0.742
0.80855286, 0.59504443], dtype=float32), array([0.          , 1.          , 0.7997553 , 0.901
0.95964813, 0.5298062 ], dtype=float32), array([0.          , 1.          , 0.6800292 , 0.917
0.9907524 , 0.5574458 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9986223 , 0.30794638, 0.23733178,
0.4428159 , 0.86360216], dtype=float32), array([0.          , 1.          , 0.9971439 , 0.047
0.22742343, 0.9655526 ], dtype=float32), array([0.          , 1.          , 0.99444515, 0.668
0.7750664 , 0.76290596], dtype=float32), array([0.          , 1.          , 0.993255 , 0.539
0.67270434, 0.80301905], dtype=float32), array([0.          , 1.          , 0.95362175, 0.795
0.921656 , 0.6740936 ], dtype=float32), array([0.          , 1.          , 0.80532616, 0.742
0.8069315 , 0.59328175], dtype=float32), array([0.          , 1.          , 0.7898827 , 0.901
0.959909 , 0.5320551 ], dtype=float32), array([0.          , 1.          , 0.60393184, 0.916
0.9867844 , 0.5598509 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99857855, 0.30833456, 0.23674297,
0.44265208, 0.8637171 ], dtype=float32), array([0.          , 1.          , 0.99723166, 0.047
0.22755623, 0.96447855], dtype=float32), array([0.          , 1.          , 0.99437994, 0.668
0.7753578 , 0.76317656], dtype=float32), array([0.          , 1.          , 0.992961 , 0.540
0.6728283 , 0.8037658 ], dtype=float32), array([0.          , 1.          , 0.9534488 , 0.794
0.92184645, 0.67429537], dtype=float32), array([0.          , 1.          , 0.8095773 , 0.742
0.80686134, 0.59225357], dtype=float32), array([0.          , 1.          , 0.79374623, 0.901
0.9593815 , 0.53297484], dtype=float32)]
Total People in frame = 7

```

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9986541 , 0.30805546, 0.23786286,
        0.44385678, 0.86425555], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.047
        0.22774798, 0.9658581 ], dtype=float32), array([0.          , 1.          , 0.99420255, 0.669
        0.7754831 , 0.76368743], dtype=float32), array([0.          , 1.          , 0.9920312 , 0.546
        0.67314214, 0.8026807 ], dtype=float32), array([0.          , 1.          , 0.95379424, 0.795
        0.9219878 , 0.6741705 ], dtype=float32), array([0.          , 1.          , 0.82949203, 0.743
        0.8081679 , 0.59196746], dtype=float32), array([0.          , 1.          , 0.7624241 , 0.901
        0.9597732 , 0.533739  ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.998606  , 0.30777553, 0.23795912,
        0.44423488, 0.8648107 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.047
        0.22762784, 0.9663451 ], dtype=float32), array([0.          , 1.          , 0.9937588 , 0.668
        0.77575725, 0.76391673], dtype=float32), array([0.          , 1.          , 0.99187535, 0.549
        0.6736018 , 0.8006574 ], dtype=float32), array([0.          , 1.          , 0.9539661 , 0.794
        0.92162585, 0.67404705], dtype=float32), array([0.          , 1.          , 0.82754964, 0.743
        0.80890334, 0.59134084], dtype=float32), array([0.          , 1.          , 0.74871993, 0.901
        0.9595227 , 0.5341727 ], dtype=float32), array([0.          , 1.          , 0.60393184, 0.916
        0.9881939 , 0.55780864], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99804294, 0.3088507 , 0.23556808,
        0.44308954, 0.869097  ], dtype=float32), array([0.          , 1.          , 0.99759394, 0.047
        0.22805354, 0.9658916 ], dtype=float32), array([0.          , 1.          , 0.9939731 , 0.667
        0.77593523, 0.7668419 ], dtype=float32), array([0.          , 1.          , 0.9926542 , 0.545
        0.67392135, 0.80017716], dtype=float32), array([0.          , 1.          , 0.9549844 , 0.795
        0.9213686 , 0.67383075], dtype=float32), array([0.          , 1.          , 0.8610716 , 0.743
        0.80962986, 0.5927806 ], dtype=float32), array([0.          , 1.          , 0.65201986, 0.900
        0.95956206, 0.5356031 ], dtype=float32), array([0.          , 1.          , 0.6106857 , 0.916683
        0.5557206], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99804294, 0.30855337, 0.2370939 ,
        0.44411615, 0.8634254 ], dtype=float32), array([0.          , 1.          , 0.99762183, 0.046
        0.22800401, 0.96557105], dtype=float32), array([0.          , 1.          , 0.9939261 , 0.667
```



```

0.777094 , 0.7672591 ], dtype=float32), array([0. , 1. , 0.9925103 , 0.545
0.67476684, 0.7999536 ], dtype=float32), array([0. , 1. , 0.95159405, 0.795
0.92126817, 0.673584 ], dtype=float32), array([0. , 1. , 0.84130484, 0.742
0.8092536 , 0.5944227 ], dtype=float32), array([0. , 1. , 0.70191747, 0.917
0.99195117, 0.55653757], dtype=float32), array([0. , 1. , 0.6265813 , 0.899
0.9599911 , 0.53539807], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.9976495 , 0.04680018, 0.26991194,
0.22820626, 0.9660868 ], dtype=float32), array([0. , 1. , 0.9976404 , 0.309
0.44416004, 0.866066 ], dtype=float32), array([0. , 1. , 0.99385494, 0.668
0.77769816, 0.7678844 ], dtype=float32), array([0. , 1. , 0.99036634, 0.542
0.6752601 , 0.8007441 ], dtype=float32), array([0. , 1. , 0.95292586, 0.795
0.92122936, 0.6733431 ], dtype=float32), array([0. , 1. , 0.8596637 , 0.741
0.8083552 , 0.59316695], dtype=float32), array([0. , 1. , 0.7193836 , 0.920
0.99412745, 0.56158596], dtype=float32), array([0. , 1. , 0.6796041 , 0.899
0.9593579 , 0.5351673 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.99760324, 0.04688215, 0.26931137,
0.22807577, 0.9665068 ], dtype=float32), array([0. , 1. , 0.9975561 , 0.310
0.44427258, 0.86628073], dtype=float32), array([0. , 1. , 0.993255 , 0.668
0.77780443, 0.76654565], dtype=float32), array([0. , 1. , 0.9896318 , 0.541
0.67459077, 0.80074954], dtype=float32), array([0. , 1. , 0.9543079 , 0.796
0.9212362 , 0.67285836], dtype=float32), array([0. , 1. , 0.83413684, 0.741
0.808132 , 0.5936188 ], dtype=float32), array([0. , 1. , 0.8010035 , 0.918
0.99326074, 0.5637777 ], dtype=float32), array([0. , 1. , 0.67405045, 0.900
0.961414 , 0.5354451 ], dtype=float32)]
Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0. , 1. , 0.99760324, 0.0468225 , 0.26860982,
0.22808692, 0.96750945], dtype=float32), array([0. , 1. , 0.9974191 , 0.311
0.44389176, 0.86680245], dtype=float32), array([0. , 1. , 0.99279517, 0.667
0.7780848 , 0.7677216 ], dtype=float32), array([0. , 1. , 0.98892784, 0.543
0.67407227, 0.79892045], dtype=float32), array([0. , 1. , 0.95540243, 0.796
0.92081946, 0.67187715], dtype=float32), array([0. , 1. , 0.839734 , 0.741
0.8080599 , 0.593022 ], dtype=float32), array([0. , 1. , 0.7401743 , 0.919
0.9928481 , 0.56131256], dtype=float32), array([0. , 1. , 0.71383077, 0.900
0.96073765, 0.53531206], dtype=float32)]

```

```

Total People in frame = 8
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9976769 , 0.04701559, 0.26887563,
        0.22820921, 0.9670931 ], dtype=float32), array([0.          , 1.          , 0.997399 , 0.311
        0.44340125, 0.8673861 ], dtype=float32), array([0.          , 1.          , 0.9921841 , 0.667
        0.77760345, 0.76528317], dtype=float32), array([0.          , 1.          , 0.9887554 , 0.545
        0.6736544 , 0.7996985 ], dtype=float32), array([0.          , 1.          , 0.95150405, 0.796
        0.9210185 , 0.6712359 ], dtype=float32), array([0.          , 1.          , 0.79278535, 0.740
        0.80699235, 0.59276265], dtype=float32), array([0.          , 1.          , 0.7098244 , 0.900
        0.95834196, 0.53629506], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99779165, 0.04673203, 0.27037036,
        0.22849277, 0.9669533 ], dtype=float32), array([0.          , 1.          , 0.9973061 , 0.311
        0.44238955, 0.8663686 ], dtype=float32), array([0.          , 1.          , 0.99190676, 0.666
        0.7778275 , 0.7645347 ], dtype=float32), array([0.          , 1.          , 0.98803884, 0.544
        0.6737987 , 0.80060256], dtype=float32), array([0.          , 1.          , 0.9511422 , 0.796
        0.9208751 , 0.6708246 ], dtype=float32), array([0.          , 1.          , 0.776284 , 0.739
        0.80667555, 0.59328896], dtype=float32), array([0.          , 1.          , 0.70942193, 0.900
        0.9584082 , 0.5359224 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99770385, 0.04667984, 0.27073264,
        0.22815679, 0.9667716 ], dtype=float32), array([0.          , 1.          , 0.99729556, 0.311
        0.44179803, 0.8675854 ], dtype=float32), array([0.          , 1.          , 0.99190676, 0.666
        0.7777755 , 0.76409304], dtype=float32), array([0.          , 1.          , 0.9881309 , 0.546
        0.67348784, 0.8005409 ], dtype=float32), array([0.          , 1.          , 0.9510514, 0.796875
        0.67108 ], dtype=float32), array([0.          , 1.          , 0.79438496, 0.7402346 , 0.2443
        0.8062904 , 0.5940647 ], dtype=float32), array([0.          , 1.          , 0.6905591 , 0.900
        0.9582303 , 0.53622025], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9976311 , 0.04689016, 0.26986444,
        0.22780088, 0.9671279 ], dtype=float32), array([0.          , 1.          , 0.9972531 , 0.310
        0.44178334, 0.87228906], dtype=float32), array([0.          , 1.          , 0.99209267, 0.665
        0.7784147 , 0.765609 ], dtype=float32), array([0.          , 1.          , 0.9869795 , 0.545

```

```

    0.67299926, 0.80192375], dtype=float32), array([0.          , 1.          , 0.94985574, 0.796
    0.9207448 , 0.67153454], dtype=float32), array([0.          , 1.          , 0.86567897, 0.742
    0.80906945, 0.5966792 ], dtype=float32), array([0.          , 1.          , 0.6791787, 0.900379
    0.5361891], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99749833, 0.04719897, 0.26958027,
    0.22768618, 0.96602714], dtype=float32), array([0.          , 1.          , 0.9974191 , 0.310
    0.44162303, 0.8728473 ], dtype=float32), array([0.          , 1.          , 0.9922144 , 0.665
    0.7786855 , 0.7662318 ], dtype=float32), array([0.          , 1.          , 0.98544043, 0.544
    0.67249453, 0.8023707 ], dtype=float32), array([0.          , 1.          , 0.9528382 , 0.796
    0.92091864, 0.6724003 ], dtype=float32), array([0.          , 1.          , 0.86545175, 0.742
    0.80877507, 0.59631187], dtype=float32), array([0.          , 1.          , 0.6415347 , 0.900
    0.95810336, 0.53625345], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9975466 , 0.310191 , 0.23354802,
    0.44145474, 0.87241995], dtype=float32), array([0.          , 1.          , 0.9974291 , 0.047
    0.22764355, 0.9666914 ], dtype=float32), array([0.          , 1.          , 0.9922144 , 0.664
    0.7789427 , 0.7660965 ], dtype=float32), array([0.          , 1.          , 0.98712933, 0.543
    0.6722044 , 0.80286664], dtype=float32), array([0.          , 1.          , 0.952131 , 0.796
    0.9211253 , 0.6726881 ], dtype=float32), array([0.          , 1.          , 0.8258708, 0.740127
    0.5957315], dtype=float32), array([0.          , 1.          , 0.63906056, 0.90056324, 0.2514
    0.95861506, 0.53574556], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99783427, 0.30969563, 0.23434877,
    0.4416276 , 0.86522293], dtype=float32), array([0.          , 1.          , 0.9975177 , 0.047
    0.22771877, 0.96700037], dtype=float32), array([0.          , 1.          , 0.99193794, 0.665
    0.77947223, 0.764954 ], dtype=float32), array([0.          , 1.          , 0.9906961 , 0.541
    0.67231923, 0.8026973 ], dtype=float32), array([0.          , 1.          , 0.95861524, 0.796
    0.92073846, 0.6745362 ], dtype=float32), array([0.          , 1.          , 0.83788544, 0.740
    0.8070342 , 0.59536207], dtype=float32), array([0.          , 1.          , 0.65621775, 0.899
    0.9583618 , 0.5333878 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.997851  , 0.30969906, 0.23472288,
        0.44228327, 0.8661518 ], dtype=float32), array([0.          , 1.          , 0.9976404 , 0.047
        0.22777697, 0.96724516], dtype=float32), array([0.          , 1.          , 0.9922444 , 0.666
        0.7783      , 0.7640438 ], dtype=float32), array([0.          , 1.          , 0.98959166, 0.538
        0.673462   , 0.80168486], dtype=float32), array([0.          , 1.          , 0.9559813 , 0.795
        0.9206136 , 0.6757446 ], dtype=float32), array([0.          , 1.          , 0.8629303 , 0.744
        0.8069739 , 0.59412825], dtype=float32), array([0.          , 1.          , 0.63680494, 0.899
        0.95879453, 0.5311278 ], dtype=float32), array([0.          , 1.          , 0.6272666 , 0.922
        0.99203295, 0.55603963], dtype=float32)]
```

Total People in frame = 8

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9979572 , 0.30982774, 0.23480883,
        0.44205642, 0.86144626], dtype=float32), array([0.          , 1.          , 0.9975561 , 0.047
        0.22770663, 0.96712077], dtype=float32), array([0.          , 1.          , 0.99293363, 0.667
        0.7783782 , 0.7656434 ], dtype=float32), array([0.          , 1.          , 0.98913974, 0.540
        0.6734934 , 0.8032413 ], dtype=float32), array([0.          , 1.          , 0.9455002 , 0.794
        0.9214623 , 0.6756052 ], dtype=float32), array([0.          , 1.          , 0.7962925 , 0.742
        0.8044107 , 0.59156394], dtype=float32), array([0.          , 1.          , 0.6759785 , 0.899
        0.9571642 , 0.5320594 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9980732 , 0.3095668 , 0.23585188,
        0.44334108, 0.8611139 ], dtype=float32), array([0.          , 1.          , 0.99743915, 0.048
        0.22742993, 0.9678291 ], dtype=float32), array([0.          , 1.          , 0.9932288 , 0.666
        0.77862877, 0.76802963], dtype=float32), array([0.          , 1.          , 0.99047756, 0.541
        0.6732061 , 0.8024167 ], dtype=float32), array([0.          , 1.          , 0.9422947 , 0.793
        0.92173445, 0.67624605], dtype=float32), array([0.          , 1.          , 0.76873326, 0.738
        0.80407065, 0.59479487], dtype=float32), array([0.          , 1.          , 0.71183175, 0.899
        0.9572757 , 0.53563595], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.99827254, 0.30919245, 0.23664019,
        0.4441081 , 0.8611547 ], dtype=float32), array([0.          , 1.          , 0.9974885 , 0.048
        0.2274757 , 0.9679884 ], dtype=float32), array([0.          , 1.          , 0.99385494, 0.667
        0.77889556, 0.76854753], dtype=float32), array([0.          , 1.          , 0.99108386, 0.536
        0.6738448 , 0.80293834], dtype=float32), array([0.          , 1.          , 0.9217811 , 0.787
        0.92218584, 0.6771642 ], dtype=float32), array([0.          , 1.          , 0.7789858 , 0.743242
        0.5871014 ], dtype=float32), array([0.          , 1.          , 0.7037531 , 0.9003032 , 0.2478
        0.9585026 , 0.53637934], dtype=float32)]
```

```

Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982522 , 0.3093875 , 0.23677152,
        0.44426364, 0.8603719 ], dtype=float32), array([0.          , 1.          , 0.997399 , 0.048
        0.22734389, 0.96724516], dtype=float32), array([0.          , 1.          , 0.9932812 , 0.665
        0.7798677 , 0.7680734 ], dtype=float32), array([0.          , 1.          , 0.99111825, 0.534
        0.67334366, 0.80350447], dtype=float32), array([0.          , 1.          , 0.9110216 , 0.780
        0.9175213 , 0.66847163], dtype=float32), array([0.          , 1.          , 0.8319638 , 0.740
        0.8083049 , 0.59018165], dtype=float32), array([0.          , 1.          , 0.6932653 , 0.900
        0.9585224 , 0.5371456 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982926 , 0.3096397 , 0.23705837,
        0.44483888, 0.86079574], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.048
        0.2268289 , 0.96875656], dtype=float32), array([0.          , 1.          , 0.992597 , 0.665
        0.78080595, 0.7675615 ], dtype=float32), array([0.          , 1.          , 0.990732 , 0.534
        0.67360044, 0.8036396 ], dtype=float32), array([0.          , 1.          , 0.9197868 , 0.779
        0.9171925 , 0.6690482 ], dtype=float32), array([0.          , 1.          , 0.8213309 , 0.739
        0.8086144 , 0.59205556], dtype=float32), array([0.          , 1.          , 0.71383077, 0.901
        0.95891327, 0.5369362 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9982993 , 0.30948484, 0.23693737,
        0.44433463, 0.8608575 ], dtype=float32), array([0.          , 1.          , 0.9972531 , 0.048
        0.22711341, 0.96950644], dtype=float32), array([0.          , 1.          , 0.9930153 , 0.531
        0.6735521 , 0.8034769 ], dtype=float32), array([0.          , 1.          , 0.9914887 , 0.666
        0.78244746, 0.76601505], dtype=float32), array([0.          , 1.          , 0.920932 , 0.787
        0.921928 , 0.67595345], dtype=float32), array([0.          , 1.          , 0.82161736, 0.738
        0.8087296 , 0.5955464 ], dtype=float32), array([0.          , 1.          , 0.7130322 , 0.900
        0.9588293 , 0.5372647 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99832565, 0.30968535, 0.23656934,
        0.44413412, 0.8603372 ], dtype=float32), array([0.          , 1.          , 0.9971328 , 0.048
        0.2271595 , 0.9693984 ], dtype=float32), array([0.          , 1.          , 0.99440175, 0.529
        0.67267317, 0.8026044 ], dtype=float32), array([0.          , 1.          , 0.99196917, 0.665

```

```

        0.78106076, 0.7669157 ], dtype=float32), array([0.          , 1.          , 0.92995113, 0.790
        0.9220083 , 0.6747843 ], dtype=float32), array([0.          , 1.          , 0.75091827, 0.737
        0.8058876 , 0.59746444], dtype=float32), array([0.          , 1.          , 0.6802417 , 0.901
        0.9591501 , 0.53790706], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.998345  , 0.30961838, 0.23678967,
        0.44365415, 0.8617159 ], dtype=float32), array([0.          , 1.          , 0.9971661 , 0.048
        0.2271746 , 0.9672468 ], dtype=float32), array([0.          , 1.          , 0.99664956, 0.516
        0.67226934, 0.809143  ], dtype=float32), array([0.          , 1.          , 0.9917163 , 0.666
        0.78208953, 0.76684535], dtype=float32), array([0.          , 1.          , 0.94013363, 0.793
        0.92183304, 0.6733976 ], dtype=float32), array([0.          , 1.          , 0.7789858 , 0.737
        0.80395377, 0.59628224], dtype=float32), array([0.          , 1.          , 0.6597341 , 0.901
        0.9596544 , 0.5375334 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.9985952 , 0.30895293, 0.23775423,
        0.44416535, 0.85921156], dtype=float32), array([0.          , 1.          , 0.99740905, 0.506
        0.6683782 , 0.8164978 ], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.048
        0.22757006, 0.9674524 ], dtype=float32), array([0.          , 1.          , 0.99101454, 0.665
        0.7814349 , 0.7660343 ], dtype=float32), array([0.          , 1.          , 0.9518632 , 0.796
        0.92109835, 0.6730548 ], dtype=float32), array([0.          , 1.          , 0.87191176, 0.740
        0.8074459 , 0.6017127 ], dtype=float32), array([0.          , 1.          , 0.6453434 , 0.901
        0.959343  , 0.5381565 ], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference
[array([0.          , 1.          , 0.99864894, 0.30837083, 0.23909405,
        0.44480354, 0.8578718 ], dtype=float32), array([0.          , 1.          , 0.9977393 , 0.504
        0.6670559 , 0.81852365], dtype=float32), array([0.          , 1.          , 0.99760324, 0.047
        0.22782376, 0.9686741 ], dtype=float32), array([0.          , 1.          , 0.990732  , 0.665
        0.7817947 , 0.7663984 ], dtype=float32), array([0.          , 1.          , 0.94649786, 0.794
        0.92082816, 0.67363715], dtype=float32), array([0.          , 1.          , 0.87789613, 0.741
        0.8110601 , 0.6006691 ], dtype=float32), array([0.          , 1.          , 0.6471295 , 0.901
        0.9594381 , 0.53696287], dtype=float32)]
Total People in frame = 7
Number of people in queue = {1: 1, 2: 1}
1 1
2 1
Running Inference

```

```
[array([0.          , 1.          , 0.99871576, 0.30779797, 0.23944575,
        0.4437917 , 0.8589414 ], dtype=float32), array([0.          , 1.          , 0.9973477 , 0.048
        0.22781673, 0.96937656], dtype=float32), array([0.          , 1.          , 0.9971771 , 0.501
        0.66696286, 0.81955624], dtype=float32), array([0.          , 1.          , 0.99047756, 0.664
        0.7814268 , 0.7661681 ], dtype=float32), array([0.          , 1.          , 0.94143915, 0.794
        0.9208946 , 0.6727154 ], dtype=float32), array([0.          , 1.          , 0.87514824, 0.738
        0.8083924 , 0.5983308 ], dtype=float32), array([0.          , 1.          , 0.66323286, 0.901
        0.9594245 , 0.5366452 ], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

```
[array([0.          , 1.          , 0.9987888 , 0.3080179 , 0.2397494 ,
        0.44361383, 0.85733473], dtype=float32), array([0.          , 1.          , 0.9977569 , 0.497
        0.66593283, 0.81688106], dtype=float32), array([0.          , 1.          , 0.9977482 , 0.050
        0.23005018, 0.96383023], dtype=float32), array([0.          , 1.          , 0.99187535, 0.663
        0.7801712 , 0.76560396], dtype=float32), array([0.          , 1.          , 0.93913656, 0.795
        0.9210432 , 0.6719495 ], dtype=float32), array([0.          , 1.          , 0.73220897, 0.737
        0.8063242 , 0.5986221 ], dtype=float32), array([0.          , 1.          , 0.6649755 , 0.901
        0.95929414, 0.53592765], dtype=float32)]
```

Total People in frame = 7

Number of people in queue = {1: 1, 2: 1}

1 1

2 1

Running Inference

[]

Total People in frame = 0

Number of people in queue = {1: 0, 2: 0}

1 0

2 0

results/

results/manufacturing/

results/manufacturing/fpga/

results/manufacturing/fpga/stats.txt

results/manufacturing/fpga/output\_video.mp4

stderr.log

**View stderr.log** This can be used for debugging.

In [32]: !cat stderr.log

```
Couldn't open file /opt/intel/openvino/bitstreams/a10_vision_design_sg2_bitstreams/2020-2_PL2_FP
person_detect.py:64: DeprecationWarning: Reading network using constructor is deprecated. Please
    self.model=IENetwork(self.model_structure, self.model_weights)
```

**View Output Video** Run the cell below to view the output video. If inference was successfully run, you should see a video with bounding boxes drawn around each person detected.

```
In [33]: import videoHtml
```

```
videoHtml.videoHTML('Manufacturing FPGA', ['results/manufacturing/fpga/output_video.mp4'])
```

```
Out[33]: <IPython.core.display.HTML object>
```

*Wait!*

Please wait for all the inference jobs and video rendering to complete before proceeding to the next step.

## 1.9 Step 2: Assess Performance

Run the cells below to compare the performance across all 4 devices. The following timings for the model are being compared across all 4 devices:

- Model Loading Time
- Average Inference Time
- FPS

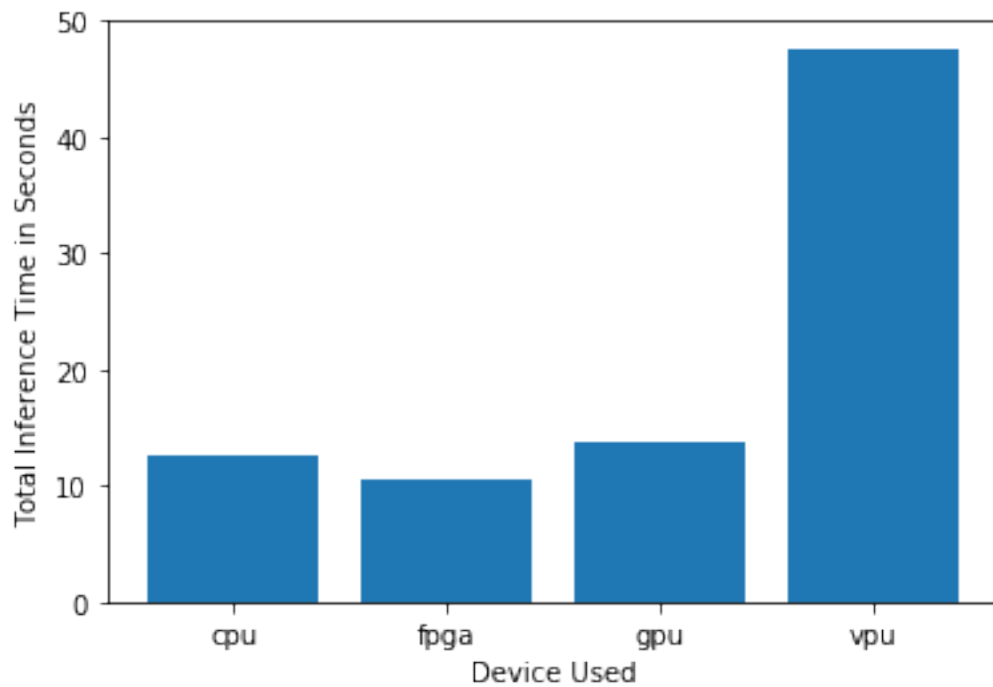
```
In [34]: import matplotlib.pyplot as plt
```

```
device_list=['cpu', 'gpu', 'fpga', 'vpu']
inference_time=[]
fps=[]
model_load_time=[]

for device in device_list:
    with open('results/manufacturing/'+device+'/stats.txt', 'r') as f:
        inference_time.append(float(f.readline().split("\n")[0]))
        fps.append(float(f.readline().split("\n")[0]))
        model_load_time.append(float(f.readline().split("\n")[0]))
```

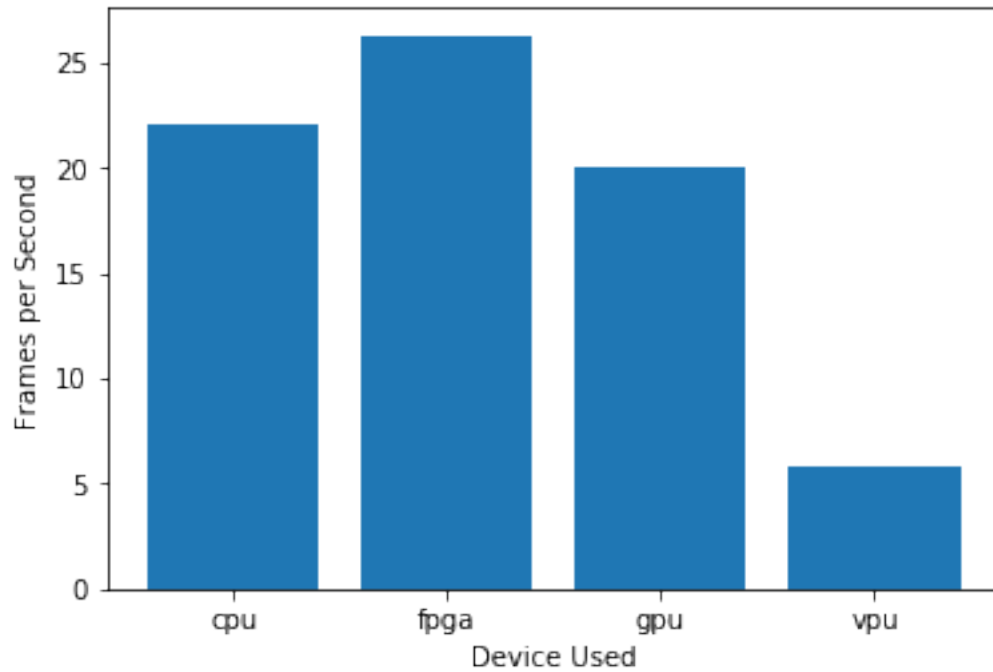
```
In [35]: plt.bar(device_list, inference_time)
plt.xlabel("Device Used")
plt.ylabel("Total Inference Time in Seconds")
plt.show()
plt.savefig('results/manufacturing/tot_inf_ms.png')
```





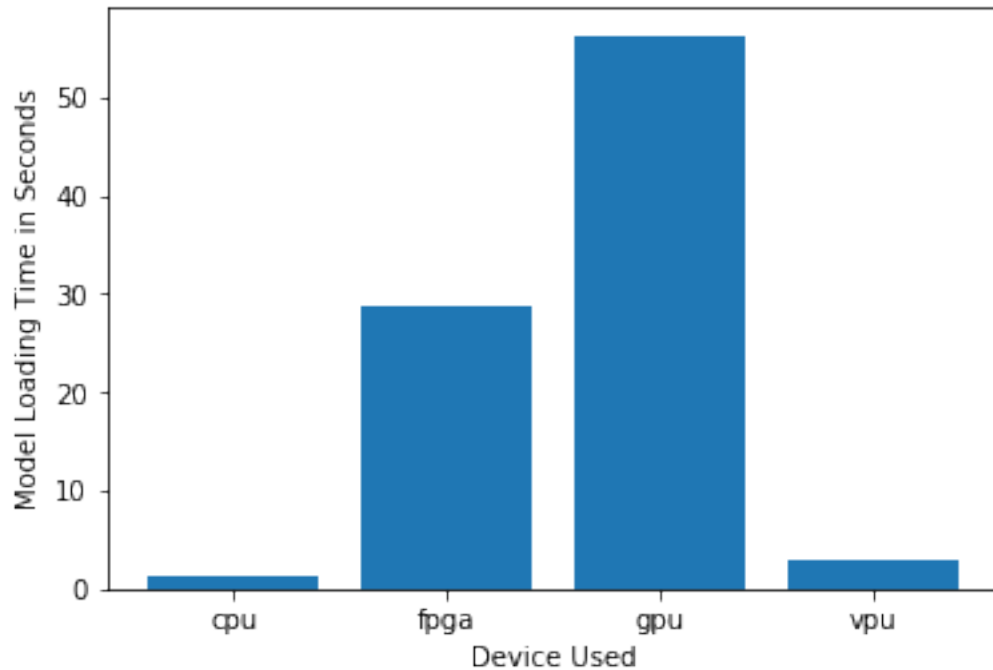
<matplotlib.figure.Figure at 0x7febd91b6438>

```
In [36]: plt.bar(device_list, fps)
plt.xlabel("Device Used")
plt.ylabel("Frames per Second")
plt.show()
plt.savefig('results/manufacturing/fps_ms.png')
```



<matplotlib.figure.Figure at 0x7febd91547f0>

```
In [37]: plt.bar(device_list, model_load_time)
plt.xlabel("Device Used")
plt.ylabel("Model Loading Time in Seconds")
plt.show()
plt.savefig('results/manufacturing/mlt_ms.png')
```



<matplotlib.figure.Figure at 0x7febd90bb4a8>

## 2 Step 3: Update Proposal Document

Now that you've completed your hardware testing, you should go back to the proposal document and validate or update your originally proposed hardware. Once you've updated your proposal, you can move on to the next scenario.

In [ ]:

In [ ]: