[07/09 10:35:47 d2.data.datasets.coco]: Loaded 32 images in COCO format from C:\Users\archa\Desktop\C-DAC\Using\_Detectron2(6 classes)\Maize\_Detection\_Using\_Detectron2\Maize-Quality-Detection-1\train\\_annotations.coco.json

[07/09 10:35:47 d2.data.build]: Removed 0 images with no usable annotations. 32 images left.

[07/09 10:35:47 d2.data.build]: Distribution of instances among all 6 categories:

| category | #instances | category | #instances | category | #instances |

|:----------:|:-------------|:----------:|:-------------|:----------:|:-------------|

| Dm | 306 | Im | 509 | Im-Sh | 362 |

| Wv | 151 | fm | 447 | pure | 427 |

| | | | | | |

| total | 2202 | | | | |

[07/09 10:35:47 d2.data.dataset\_mapper]: [DatasetMapper] Augmentations used in training: [ResizeShortestEdge(short\_edge\_length=(640, 672, 704, 736, 768, 800), max\_size=1333, sample\_style='choice'), RandomFlip()]

[07/09 10:35:47 d2.data.build]: Using training sampler TrainingSampler

[07/09 10:35:47 d2.data.common]: Serializing the dataset using: <class 'detectron2.data.common.\_TorchSerializedList'>

[07/09 10:35:47 d2.data.common]: Serializing 32 elements to byte tensors and concatenating them all ...

WARNING [07/09 10:35:47 d2.solver.build]: SOLVER.STEPS contains values larger than SOLVER.MAX\_ITER. These values will be ignored.

[07/09 10:35:47 d2.checkpoint.detection\_checkpoint]: [DetectionCheckpointer] Loading from https://dl.fbaipublicfiles.com/detectron2/COCO-InstanceSegmentation/mask\_rcnn\_R\_101\_FPN\_3x/138205316/model\_finall\_a3ec72.pkl ...

Skip loading parameter 'roi\_heads.box\_predictor.cls\_score.weight' to the model due to incompatible shapes: (81, 1024) in the checkpoint but (7, 1024) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.cls\_score.bias' to the model due to incompatible shapes: (81,) in the checkpoint but (7,) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.bbox\_pred.weight' to the model due to incompatible shapes: (320, 1024) in the checkpoint but (24, 1024) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.bbox\_pred.bias' to the model due to incompatible shapes: (320,) in the checkpoint but (24,) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.mask\_head.predictor.weight' to the model due to incompatible shapes: (80, 256, 1, 1) in the checkpoint but (6, 256, 1, 1) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.mask\_head.predictor.bias' to the model due to incompatible shapes: (80,) in the checkpoint but (6,) in the model! You might want to double check if this is expected.

Some model parameters or buffers are not found in the checkpoint:

roi\_heads.box\_predictor.bbox\_pred.{bias, weight}

roi\_heads.box\_predictor.cls\_score.{bias, weight}

roi\_heads.mask\_head.predictor.{bias, weight}

[07/09 10:35:48 d2.engine.train\_loop]: Starting training from iteration 0

['Maize-Quality-Detection-train', 'Maize-Quality-Detection-test', 'Maize-Quality-Detection-valid']

['Maize-Quality-Detection-train', 'Maize-Quality-Detection-test', 'Maize-Quality-Detection-valid']

Entering into training

Entering into training

C:\Users\archa\anaconda3\envs\Maize\_Detection\_Detectron2\lib\site-packages\torch\functional.py:504: UserWarning: torch.meshgrid: in an upcoming release, it will be required to pass the indexing argument. (Triggered internally at ..\aten\src\ATen\native\TensorShape.cpp:3484.)

return \_VF.meshgrid(tensors, \*\*kwargs) # type: ignore[attr-defined]

[07/09 10:41:04 d2.utils.events]: eta: 4:05:04 iter: 19 total\_loss: 3.829 loss\_cls: 1.958 loss\_box\_reg: 0.5952 loss\_mask: 0.6955 loss\_rpn\_cls: 0.3546 loss\_rpn\_loc: 0.1071 time: 15.1657 last\_time: 17.3120 data\_time: 0.2571 last\_data\_time: 0.0185 lr: 1.9981e-05

[07/09 10:46:15 d2.utils.events]: eta: 4:08:31 iter: 39 total\_loss: 3.01 loss\_cls: 1.639 loss\_box\_reg: 0.596 loss\_mask: 0.6773 loss\_rpn\_cls: 0.0255 loss\_rpn\_loc: 0.09305 time: 15.2880 last\_time: 15.6366 data\_time: 0.0162 last\_data\_time: 0.0126 lr: 3.9961e-05

[07/09 10:51:10 d2.utils.events]: eta: 3:53:10 iter: 59 total\_loss: 2.388 loss\_cls: 1.077 loss\_box\_reg: 0.5005 loss\_mask: 0.6394 loss\_rpn\_cls: 0.02374 loss\_rpn\_loc: 0.09616 time: 15.1013 last\_time: 16.5616 data\_time: 0.0179 last\_data\_time: 0.0201 lr: 5.9941e-05

[07/09 10:56:22 d2.utils.events]: eta: 3:55:53 iter: 79 total\_loss: 1.913 loss\_cls: 0.7174 loss\_box\_reg: 0.4843 loss\_mask: 0.5786 loss\_rpn\_cls: 0.01737 loss\_rpn\_loc: 0.0819 time: 15.2301 last\_time: 14.2132 data\_time: 0.0182 last\_data\_time: 0.0348 lr: 7.9921e-05

[07/09 11:01:19 d2.utils.events]: eta: 3:50:04 iter: 99 total\_loss: 1.712 loss\_cls: 0.6272 loss\_box\_reg: 0.4317 loss\_mask: 0.5078 loss\_rpn\_cls: 0.02551 loss\_rpn\_loc: 0.08096 time: 15.1488 last\_time: 14.6748 data\_time: 0.0164 last\_data\_time: 0.0196 lr: 9.9901e-05

[07/09 11:06:23 d2.utils.events]: eta: 3:45:07 iter: 119 total\_loss: 1.56 loss\_cls: 0.5797 loss\_box\_reg: 0.4601 loss\_mask: 0.4317 loss\_rpn\_cls: 0.0124 loss\_rpn\_loc: 0.07685 time: 15.1583 last\_time: 16.6158 data\_time: 0.0178 last\_data\_time: 0.0164 lr: 0.00011988

[07/09 11:11:36 d2.utils.events]: eta: 3:40:37 iter: 139 total\_loss: 1.436 loss\_cls: 0.5554 loss\_box\_reg: 0.4264 loss\_mask: 0.3586 loss\_rpn\_cls: 0.008868 loss\_rpn\_loc: 0.07747 time: 15.2335 last\_time: 19.4453 data\_time: 0.0184 last\_data\_time: 0.0191 lr: 0.00013986

[07/09 11:17:04 d2.utils.events]: eta: 3:36:25 iter: 159 total\_loss: 1.329 loss\_cls: 0.5154 loss\_box\_reg: 0.4344 loss\_mask: 0.3158 loss\_rpn\_cls: 0.01225 loss\_rpn\_loc: 0.07417 time: 15.3756 last\_time: 14.9685 data\_time: 0.0167 last\_data\_time: 0.0213 lr: 0.00015984

[07/09 11:21:47 d2.utils.events]: eta: 3:29:13 iter: 179 total\_loss: 1.295 loss\_cls: 0.4844 loss\_box\_reg: 0.4367 loss\_mask: 0.2918 loss\_rpn\_cls: 0.01072 loss\_rpn\_loc: 0.07903 time: 15.2430 last\_time: 15.3249 data\_time: 0.0174 last\_data\_time: 0.0166 lr: 0.00017982

[07/09 11:26:52 d2.utils.events]: eta: 3:24:24 iter: 199 total\_loss: 1.319 loss\_cls: 0.5192 loss\_box\_reg: 0.4318 loss\_mask: 0.266 loss\_rpn\_cls: 0.01056 loss\_rpn\_loc: 0.07973 time: 15.2403 last\_time: 16.9217 data\_time: 0.0184 last\_data\_time: 0.0141 lr: 0.0001998

[07/09 11:31:53 d2.utils.events]: eta: 3:19:17 iter: 219 total\_loss: 1.169 loss\_cls: 0.4541 loss\_box\_reg: 0.4196 loss\_mask: 0.2283 loss\_rpn\_cls: 0.01902 loss\_rpn\_loc: 0.07016 time: 15.2235 last\_time: 15.4463 data\_time: 0.0179 last\_data\_time: 0.0117 lr: 0.00021978

[07/09 11:36:47 d2.utils.events]: eta: 3:13:33 iter: 239 total\_loss: 1.184 loss\_cls: 0.4606 loss\_box\_reg: 0.4123 loss\_mask: 0.2048 loss\_rpn\_cls: 0.02293 loss\_rpn\_loc: 0.07541 time: 15.1814 last\_time: 14.2938 data\_time: 0.0188 last\_data\_time: 0.0103 lr: 0.00023976

[07/09 11:41:56 d2.utils.events]: eta: 3:09:01 iter: 259 total\_loss: 1.07 loss\_cls: 0.3793 loss\_box\_reg: 0.3804 loss\_mask: 0.1806 loss\_rpn\_cls: 0.0158 loss\_rpn\_loc: 0.07764 time: 15.2024 last\_time: 16.5255 data\_time: 0.0175 last\_data\_time: 0.0120 lr: 0.00025974

[07/09 11:46:48 d2.utils.events]: eta: 3:03:31 iter: 279 total\_loss: 1.135 loss\_cls: 0.4415 loss\_box\_reg: 0.3932 loss\_mask: 0.1866 loss\_rpn\_cls: 0.01427 loss\_rpn\_loc: 0.08646 time: 15.1574 last\_time: 14.2485 data\_time: 0.0170 last\_data\_time: 0.0185 lr: 0.00027972

[07/09 11:51:39 d2.utils.events]: eta: 2:57:57 iter: 299 total\_loss: 0.9687 loss\_cls: 0.3874 loss\_box\_reg: 0.3305 loss\_mask: 0.16 loss\_rpn\_cls: 0.01251 loss\_rpn\_loc: 0.07859 time: 15.1167 last\_time: 12.0730 data\_time: 0.0184 last\_data\_time: 0.0146 lr: 0.0002997

[07/09 11:56:28 d2.utils.events]: eta: 2:52:34 iter: 319 total\_loss: 0.8949 loss\_cls: 0.3247 loss\_box\_reg: 0.3578 loss\_mask: 0.1579 loss\_rpn\_cls: 0.01628 loss\_rpn\_loc: 0.07503 time: 15.0739 last\_time: 14.2882 data\_time: 0.0172 last\_data\_time: 0.0245 lr: 0.00031968

[07/09 12:01:44 d2.utils.events]: eta: 2:48:03 iter: 339 total\_loss: 0.9514 loss\_cls: 0.369 loss\_box\_reg: 0.3256 loss\_mask: 0.1617 loss\_rpn\_cls: 0.006165 loss\_rpn\_loc: 0.06799 time: 15.1180 last\_time: 16.6494 data\_time: 0.0191 last\_data\_time: 0.0284 lr: 0.00033966

[07/09 12:06:47 d2.utils.events]: eta: 2:42:50 iter: 359 total\_loss: 0.9832 loss\_cls: 0.3122 loss\_box\_reg: 0.3387 loss\_mask: 0.1629 loss\_rpn\_cls: 0.01798 loss\_rpn\_loc: 0.07286 time: 15.1180 last\_time: 11.8772 data\_time: 0.0195 last\_data\_time: 0.0232 lr: 0.00035964

[07/09 12:11:44 d2.utils.events]: eta: 2:37:37 iter: 379 total\_loss: 0.9367 loss\_cls: 0.3562 loss\_box\_reg: 0.3144 loss\_mask: 0.1568 loss\_rpn\_cls: 0.008253 loss\_rpn\_loc: 0.07465 time: 15.1052 last\_time: 12.4011 data\_time: 0.0168 last\_data\_time: 0.0163 lr: 0.00037962

[07/09 12:16:49 d2.utils.events]: eta: 2:32:32 iter: 399 total\_loss: 0.8176 loss\_cls: 0.3029 loss\_box\_reg: 0.2741 loss\_mask: 0.1519 loss\_rpn\_cls: 0.01444 loss\_rpn\_loc: 0.0736 time: 15.1126 last\_time: 13.2549 data\_time: 0.0181 last\_data\_time: 0.0161 lr: 0.0003996

[07/09 12:21:55 d2.utils.events]: eta: 2:27:41 iter: 419 total\_loss: 0.8471 loss\_cls: 0.3193 loss\_box\_reg: 0.2709 loss\_mask: 0.1561 loss\_rpn\_cls: 0.01498 loss\_rpn\_loc: 0.07659 time: 15.1202 last\_time: 13.1514 data\_time: 0.0187 last\_data\_time: 0.0230 lr: 0.00041958

[07/09 12:26:49 d2.utils.events]: eta: 2:22:27 iter: 439 total\_loss: 0.7693 loss\_cls: 0.2599 loss\_box\_reg: 0.247 loss\_mask: 0.1518 loss\_rpn\_cls: 0.01231 loss\_rpn\_loc: 0.07201 time: 15.1009 last\_time: 13.2765 data\_time: 0.0165 last\_data\_time: 0.0161 lr: 0.00043956

[07/09 12:31:49 d2.utils.events]: eta: 2:17:17 iter: 459 total\_loss: 0.8776 loss\_cls: 0.285 loss\_box\_reg: 0.2634 loss\_mask: 0.1553 loss\_rpn\_cls: 0.01268 loss\_rpn\_loc: 0.08202 time: 15.0975 last\_time: 16.2816 data\_time: 0.0192 last\_data\_time: 0.0162 lr: 0.00045954

[07/09 12:36:58 d2.utils.events]: eta: 2:12:23 iter: 479 total\_loss: 0.7628 loss\_cls: 0.2822 loss\_box\_reg: 0.2398 loss\_mask: 0.1401 loss\_rpn\_cls: 0.009666 loss\_rpn\_loc: 0.06813 time: 15.1122 last\_time: 13.5655 data\_time: 0.0188 last\_data\_time: 0.0171 lr: 0.00047952

[07/09 12:41:54 d2.utils.events]: eta: 2:07:07 iter: 499 total\_loss: 0.7985 loss\_cls: 0.2789 loss\_box\_reg: 0.2567 loss\_mask: 0.1349 loss\_rpn\_cls: 0.01078 loss\_rpn\_loc: 0.0741 time: 15.0989 last\_time: 15.2103 data\_time: 0.0179 last\_data\_time: 0.0171 lr: 0.0004995

[07/09 12:46:50 d2.utils.events]: eta: 2:02:01 iter: 519 total\_loss: 0.7276 loss\_cls: 0.2572 loss\_box\_reg: 0.2402 loss\_mask: 0.1417 loss\_rpn\_cls: 0.0132 loss\_rpn\_loc: 0.07128 time: 15.0874 last\_time: 14.0094 data\_time: 0.0181 last\_data\_time: 0.0104 lr: 0.00051948

[07/09 12:51:52 d2.utils.events]: eta: 1:56:56 iter: 539 total\_loss: 0.7195 loss\_cls: 0.2819 loss\_box\_reg: 0.2345 loss\_mask: 0.1377 loss\_rpn\_cls: 0.01797 loss\_rpn\_loc: 0.07379 time: 15.0887 last\_time: 12.9409 data\_time: 0.0188 last\_data\_time: 0.0180 lr: 0.00053946

[07/09 12:56:52 d2.utils.events]: eta: 1:51:50 iter: 559 total\_loss: 0.7416 loss\_cls: 0.2526 loss\_box\_reg: 0.2351 loss\_mask: 0.1308 loss\_rpn\_cls: 0.01155 loss\_rpn\_loc: 0.07708 time: 15.0853 last\_time: 17.0345 data\_time: 0.0169 last\_data\_time: 0.0160 lr: 0.00055944

[07/09 13:01:43 d2.utils.events]: eta: 1:46:43 iter: 579 total\_loss: 0.7714 loss\_cls: 0.2441 loss\_box\_reg: 0.2596 loss\_mask: 0.1416 loss\_rpn\_cls: 0.008927 loss\_rpn\_loc: 0.07595 time: 15.0673 last\_time: 13.6407 data\_time: 0.0200 last\_data\_time: 0.0284 lr: 0.00057942

[07/09 13:06:37 d2.utils.events]: eta: 1:41:38 iter: 599 total\_loss: 0.737 loss\_cls: 0.2609 loss\_box\_reg: 0.2208 loss\_mask: 0.1296 loss\_rpn\_cls: 0.008109 loss\_rpn\_loc: 0.07805 time: 15.0550 last\_time: 12.1491 data\_time: 0.0186 last\_data\_time: 0.0148 lr: 0.0005994

[07/09 13:11:41 d2.utils.events]: eta: 1:36:33 iter: 619 total\_loss: 0.6574 loss\_cls: 0.201 loss\_box\_reg: 0.2181 loss\_mask: 0.1273 loss\_rpn\_cls: 0.01469 loss\_rpn\_loc: 0.06867 time: 15.0591 last\_time: 15.2169 data\_time: 0.0165 last\_data\_time: 0.0229 lr: 0.00061938

[07/09 13:16:44 d2.utils.events]: eta: 1:31:28 iter: 639 total\_loss: 0.632 loss\_cls: 0.1709 loss\_box\_reg: 0.2199 loss\_mask: 0.1259 loss\_rpn\_cls: 0.01574 loss\_rpn\_loc: 0.0677 time: 15.0615 last\_time: 17.2461 data\_time: 0.0180 last\_data\_time: 0.0143 lr: 0.00063936

[07/09 13:21:53 d2.utils.events]: eta: 1:26:26 iter: 659 total\_loss: 0.6647 loss\_cls: 0.1996 loss\_box\_reg: 0.2204 loss\_mask: 0.1272 loss\_rpn\_cls: 0.007685 loss\_rpn\_loc: 0.07601 time: 15.0731 last\_time: 16.7463 data\_time: 0.0196 last\_data\_time: 0.0251 lr: 0.00065934

[07/09 13:26:51 d2.utils.events]: eta: 1:21:21 iter: 679 total\_loss: 0.575 loss\_cls: 0.1994 loss\_box\_reg: 0.2079 loss\_mask: 0.1093 loss\_rpn\_cls: 0.00804 loss\_rpn\_loc: 0.07488 time: 15.0694 last\_time: 15.1838 data\_time: 0.0189 last\_data\_time: 0.0191 lr: 0.00067932

[07/09 13:31:53 d2.utils.events]: eta: 1:16:16 iter: 699 total\_loss: 0.6109 loss\_cls: 0.1909 loss\_box\_reg: 0.2311 loss\_mask: 0.1192 loss\_rpn\_cls: 0.01381 loss\_rpn\_loc: 0.06852 time: 15.0696 [07/09 13:36:50 d2.utils.events]: eta: 1:11:11 iter: 719 total\_loss: 0.67 loss\_cls: 0.1972 loss\_box\_reg: 0.2061 loss\_mask: 0.1116 loss\_rpn\_cls: 0.01145 loss\_rpn\_loc: 0.07752 time: 15.0640 last\_time: 14.3595 data\_time: 0.0176 last\_data\_time: 0.0207 lr: 0.00071928

[07/09 13:41:51 d2.utils.events]: eta: 1:06:05 iter: 739 total\_loss: 0.6556 loss\_cls: 0.18 loss\_box\_reg: 0.2823 loss\_mask: 0.1189 loss\_rpn\_cls: 0.004591 loss\_rpn\_loc: 0.06992 time: 15.0625 last\_time: 13.7170 data\_time: 0.0172 last\_data\_time: 0.0114 lr: 0.00073926

[07/09 13:46:42 d2.utils.events]: eta: 1:00:59 iter: 759 total\_loss: 0.6283 loss\_cls: 0.1859 loss\_box\_reg: 0.234 loss\_mask: 0.1155 loss\_rpn\_cls: 0.0111 loss\_rpn\_loc: 0.06501 time: 15.0489 last\_time: 16.8123 data\_time: 0.0185 last\_data\_time: 0.0218 lr: 0.00075924

[07/09 13:51:55 d2.utils.events]: eta: 0:55:55 iter: 779 total\_loss: 0.5913 loss\_cls: 0.1847 loss\_box\_reg: 0.1952 loss\_mask: 0.1124 loss\_rpn\_cls: 0.004655 loss\_rpn\_loc: 0.06562 time: 15.0655 last\_time: 16.6110 data\_time: 0.0197 last\_data\_time: 0.0064 lr: 0.00077922

[07/09 13:56:46 d2.utils.events]: eta: 0:50:48 iter: 799 total\_loss: 0.5555 loss\_cls: 0.1528 loss\_box\_reg: 0.1935 loss\_mask: 0.108 loss\_rpn\_cls: 0.01385 loss\_rpn\_loc: 0.08306 time: 15.0520 last\_time: 15.5836 data\_time: 0.0168 last\_data\_time: 0.0157 lr: 0.0007992

[07/09 14:01:47 d2.utils.events]: eta: 0:45:43 iter: 819 total\_loss: 0.5501 loss\_cls: 0.157 loss\_box\_reg: 0.2099 loss\_mask: 0.1056 loss\_rpn\_cls: 0.005582 loss\_rpn\_loc: 0.07251 time: 15.0516 last\_time: 14.9021 data\_time: 0.0178 last\_data\_time: 0.0159 lr: 0.00081918

[07/09 14:06:55 d2.utils.events]: eta: 0:40:39 iter: 839 total\_loss: 0.6 loss\_cls: 0.1817 loss\_box\_reg: 0.219 loss\_mask: 0.1071 loss\_rpn\_cls: 0.01418 loss\_rpn\_loc: 0.0742 time: 15.0600 last\_time: 16.5173 data\_time: 0.0186 last\_data\_time: 0.0129 lr: 0.00083916

[07/09 14:11:56 d2.utils.events]: eta: 0:35:34 iter: 859 total\_loss: 0.5582 loss\_cls: 0.1809 loss\_box\_reg: 0.212 loss\_mask: 0.1036 loss\_rpn\_cls: 0.009314 loss\_rpn\_loc: 0.07242 time: 15.0601 last\_time: 14.6298 data\_time: 0.0177 last\_data\_time: 0.0186 lr: 0.00085914

[07/09 14:17:00 d2.utils.events]: eta: 0:30:29 iter: 879 total\_loss: 0.6249 loss\_cls: 0.2037 loss\_box\_reg: 0.2099 loss\_mask: 0.1091 loss\_rpn\_cls: 0.01341 loss\_rpn\_loc: 0.07353 time: 15.0626 last\_time: 15.6874 data\_time: 0.0184 last\_data\_time: 0.0139 lr: 0.00087912

[07/09 14:21:55 d2.utils.events]: eta: 0:25:24 iter: 899 total\_loss: 0.6601 loss\_cls: 0.2173 loss\_box\_reg: 0.2067 loss\_mask: 0.1113 loss\_rpn\_cls: 0.008326 loss\_rpn\_loc: 0.06974 time: 15.0562 last\_time: 17.2225 data\_time: 0.0168 last\_data\_time: 0.0142 lr: 0.0008991

[07/09 14:27:06 d2.utils.events]: eta: 0:20:19 iter: 919 total\_loss: 0.5551 loss\_cls: 0.1516 loss\_box\_reg: 0.1901 loss\_mask: 0.1044 loss\_rpn\_cls: 0.01111 loss\_rpn\_loc: 0.06585 time: 15.0673 last\_time: 16.8779 data\_time: 0.0210 last\_data\_time: 0.0180 lr: 0.00091908

[07/09 14:32:05 d2.utils.events]: eta: 0:15:14 iter: 939 total\_loss: 0.5325 loss\_cls: 0.1423 loss\_box\_reg: 0.1963 loss\_mask: 0.1104 loss\_rpn\_cls: 0.008472 loss\_rpn\_loc: 0.06616 time: 15.0643 last\_time: 15.5803 data\_time: 0.0211 last\_data\_time: 0.0148 lr: 0.00093906

[07/09 14:37:05 d2.utils.events]: eta: 0:10:09 iter: 959 total\_loss: 0.5653 loss\_cls: 0.1321 loss\_box\_reg: 0.2173 loss\_mask: 0.1057 loss\_rpn\_cls: 0.0103 loss\_rpn\_loc: 0.07231 time: 15.0627 last\_time: 15.1085 data\_time: 0.0182 last\_data\_time: 0.0145 lr: 0.00095904

[07/09 14:41:59 d2.utils.events]: eta: 0:05:04 iter: 979 total\_loss: 0.6356 loss\_cls: 0.194 loss\_box\_reg: 0.2069 loss\_mask: 0.1061 loss\_rpn\_cls: 0.007645 loss\_rpn\_loc: 0.07429 time: 15.0560 last\_time: 14.9799 data\_time: 0.0181 last\_data\_time: 0.0163 lr: 0.00097902

[07/09 14:47:00 d2.utils.events]: eta: 0:00:00 iter: 999 total\_loss: 0.6181 loss\_cls: 0.178 loss\_box\_reg: 0.1886 loss\_mask: 0.1021 loss\_rpn\_cls: 0.01007 loss\_rpn\_loc: 0.06998 time: 15.0549 last\_time: 14.3577 data\_time: 0.0181 last\_data\_time: 0.0178 lr: 0.000999

[07/09 14:47:00 d2.engine.hooks]: Overall training speed: 998 iterations in 4:10:24 (15.0549 s / it)

[07/09 14:47:00 d2.engine.hooks]: Total training time: 4:10:29 (0:00:04 on hooks)

[07/09 14:47:01 d2.checkpoint.detection\_checkpoint]: [DetectionCheckpointer] Loading from https://dl.fbaipublicfiles.com/detectron2/COCO-InstanceSegmentation/mask\_rcnn\_R\_101\_FPN\_3x/138205316/model\_final\_a3ec72.pkl ...

Skip loading parameter 'roi\_heads.box\_predictor.cls\_score.weight' to the model due to incompatible shapes: (81, 1024) in the checkpoint but (7, 1024) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.cls\_score.bias' to the model due to incompatible shapes: (81,) in the checkpoint but (7,) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.bbox\_pred.weight' to the model due to incompatible shapes: (320, 1024) in the checkpoint but (24, 1024) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.box\_predictor.bbox\_pred.bias' to the model due to incompatible shapes: (320,) in the checkpoint but (24,) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.mask\_head.predictor.weight' to the model due to incompatible shapes: (80, 256, 1, 1) in the checkpoint but (6, 256, 1, 1) in the model! You might want to double check if this is expected.

Skip loading parameter 'roi\_heads.mask\_head.predictor.bias' to the model due to incompatible shapes: (80,) in the checkpoint but (6,) in the model! You might want to double check if this is expected.

Some model parameters or buffers are not found in the checkpoint:

roi\_heads.box\_predictor.bbox\_pred.{bias, weight}

roi\_heads.box\_predictor.cls\_score.{bias, weight}

roi\_heads.mask\_head.predictor.{bias, weight}

(Maize\_Detection\_Detectron2)