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| Test Case No. | Test Case Description | Acceptance criteria | Actual result | Comment |
| sample | Test learning rate | It should accept only float numbers between 0.0001 – 0.999 | Put here your observation, Is there any error? You should not train the whole model. |  |
| 1. | --eps 1 --lr 2 | Instead of float **lr** given int | No error came | We need to restrict lr as a float |
| 2. | --eps 1 --lr a | Instead of float **lr** given alphabet | Error came: train\_new.py: error: argument --lr: invalid float value: 'a' | No issue |
| 3 | --eps 0.1 --lr 0.1 | Instead of int **eps** given float | Error came: train\_new.py: error: argument --eps: invalid int value: '0.1' | No issue |
| 4. | --eps a --lr 0.1 | Instead of int **eps** given alphabet | Error came:  train\_new.py: error: argument --eps: invalid int value: 'a' | No issue |
| 5. | .pth path file issue | If .pth is 0 byte preding result | While running test.py file | Need to check |

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| Test Case No. | Test Case Description | Acceptance criteria | Predicted |  |  | Actual result | Comment |
| 1 | 2020-08-13 at 16-12-32.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-13 at 16-12-32.mp4) | Smoking %: 0.000.. Non Smoking %: 1.000.. | Non Smoking | Smoking %: 2.750 Non Smoking %: 0.000 | Smoking | Smoking | May be because of face is not visible properly |
| 2 | Akshay Kumar New 2018 smoking Is Injured To Health Video 2018 Free Video.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Disclaimer Akshay Kumar New 2018 smoking Is Injured To Health Video 2018 Free Video.mp4) | Smoking %: 0.844.. Non Smoking %: 0.156.. | Smoking | Smoking %:5.750.. Non Smoking %: 0.188 | Smoking | Smoking | No issue |
| 3 | 2020-08-02 at 18-09-21.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-02 at 18-09-21.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %: 1.267 Non Smoking %: 0.133. | Smoking | Smoking | No issue,Holding in hand but most of body part visible |
| 4 | Smoking 04 Free Stock Footage.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Smoking 04 Free Stock Footage.mp4) | Smoking %: 0.466.. Non Smoking %: 0.534.. | Non Smoking | Smoking %:12.714 Non Smoking %: 0.000 | Smoking | Non Smoking | Smoking but only 3 fingers are visible |
| 5 | 2020-08-02 at 17-29-16.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-02 at 17-29-16.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %: 1.867  Non Smoking %: 0.000 | Smoking | Smoking | Normal smoking video  No issue |
| 6 | 2020-08-02 at 18-06-55.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-02 at 18-06-55.mp4) | Smoking %: 0.042.. Non Smoking %: 0.958.. | Non Smoking | Smoking %: 5.250 Non Smoking %: 0.250 | Smoking | Smoking | Its a smoking ,need to check |
| 7 | 2020-08-13 at 16-10-03.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-13 at 16-10-03.mp4) | Smoking %: 0.742.. Non Smoking %: 0.258. | Smoking | Smoking %:0.688.. Non Smoking %: 0.250 | Smoking | Smoking | No issue |
| 8 | 2020-08-02 at 18-13-48.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-02 at 18-13-48.mp4) | Smoking %: 0.297.. Non Smoking %: 0.703.. | Non Smoking | Smoking %: 9.000 Non Smoking %: 0.000.. | Smoking | Smoking | Only backside of the smoker is visible |
| 9 | 2020-08-13 at 16-21-10.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-13 at 16-21-10.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking |  |  | Smoking | Need to watch |
| 10 | Smoking and Offering to Smoke Cigarette Stock Footage.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Smoking and Offering to Smoke Cigarette Stock Footage.mp4) | Smoking %: 0.843.. Non Smoking %: 0.157.. | Smoking |  |  | Smoking | No issue |
| 11 | A\_Beautiful\_Mind\_1\_smoke\_h\_nm\_np1\_fr\_goo\_8.avi  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/A_Beautiful_Mind_1_smoke_h_nm_np1_fr_goo_8.avi) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %:0.250 Non Smoking %: 0.000 | Smoking | Smoking | No issue |
| 12 | 170116\_1\_ManSmoking\_2K.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/170116_1_ManSmoking_2K.mp4) | Smoking %: 0.961.. Non Smoking %: 0.039.. | Smoking | Smoking %:1.938  Non Smoking %: 0.000 | Smoking | Smoking | No issue |
| 13 | Pirates\_6\_talk\_h\_nm\_np1\_fr\_med\_1.avi  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Pirates_6_talk_h_nm_np1_fr_med_1.avi) | Smoking %: 0.985.. Non Smoking %: 0.015.. | Smoking |  |  | Non Smoking | Need to Rectify |
| 14 | Gunshot.avi  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Gunshot.avi) | Smoking %: 0.234.. Non Smoking %: 0.766.. | Non Smoking |  |  | Non Smoking | No issue |
| 15 | IamLegendII\_eat\_h\_nm\_np1\_le\_goo\_8.avi  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/IamLegendII_eat_h_nm_np1_le_goo_8.avi) | Smoking %: 0.000.. Non Smoking %: 1.000.. | Non Smoking | Smoking %: 0.556 Non Smoking %: 0.111.. | Smoking | Non Smoking | No issue |
| 16 | 39\_2.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/39_2.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | moking %: 0.700 Non Smoking %: 0.000 | Smoking | Smoking | No issue |
| 17 | Smoke\_2.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Smoke_2.mp4) | Smoking %: 0.000.. Non Smoking %: 1.000.. | Non Smoking | Smoking %:3.500 Non Smoking %: 0.571 | Smoking | Non Smoking | No issue  Factory smoke |
| 18 | 2020-08-15 at 21-02-16.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 21-02-16.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %:6.200.. Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 19 | 2020-08-15 at 21-06-08.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 21-06-08.mp4) | Smoking %: 0.947.. Non Smoking %: 0.053.. | Smoking | Smoking %:2.889 Non Smoking %: 0.333. | Smoking | Smoking |  |
| 20 | 2020-08-15 at 20-57-16.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 20-57-16.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %: 2.062 Non Smoking %: 0.562 | Smoking | Non Smoking |  |
| 21 | Smoking\_4.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/Smoking_4.mp4) | Smoking %: 0.046.. Non Smoking %: 0.954.. | Non Smoking | Smoking %: 1.000 Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 22 | 2020-08-15 at 21-04-25.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 21-04-25.mp4) | Smoking %: 0.973.. Non Smoking %: 0.027.. | Smoking | Smoking %: 3.571 Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 23 | 2020-08-15 at 20-50-38.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 20-50-38.mp4) | Smoking %: 0.000.. Non Smoking %: 1.000.. | Non Smoking | Smoking %: 1.500 Non Smoking %: 0.750 | Smoking | Non Smoking |  |
| 24 | 2020-08-15 at 21-00-27.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 21-00-27.mp4) | Smoking %: 0.458.. Non Smoking %: 0.542.. | Non Smoking | Smoking %:1.833 Non Smoking %: 0.333 | Smoking | Smoking |  |
| 25 | 2020-08-15 at 20-54-08.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-15 at 20-54-08.mp4) | Smoking %: 0.365.. Non Smoking %: 0.635.. | Non Smoking |  |  | Smoking |  |
| Test Case No. | Test Case Description | Acceptance criteria | Predicted |  |  | Actual result | Comment |
| 26 | 2020-08-29 at 16-20-32.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-20-32.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000 | Smoking |  |  | NonSmoking | Talking Video ,Wrong prediction |
| 27 | 2020-08-27 at 16-09-42.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 16-09-42.mp4) | Smoking %: 0.974.. Non Smoking %: 0.026.. | Smoking | Smoking %: 4.917  Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 28 | 936d31\_\_P1080.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/936d31__P1080.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000.. | Smoking | Smoking %:6.900 Non Smoking %: 0.200 | Smoking | Non Smoking |  |
| 29 | 18d6f\_\_P1080 (1).mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/18d6f__P1080 (1).mp4) | Smoking %: 0.504.. Non Smoking %: 0.496 | Smoking |  |  | Smoking |  |
| 30  31 | 2020-08-27 at 15-44-39.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 15-44-39.mp4) | Smoking %: 0.674.. Non Smoking %: 0.326 | Smoking | Smoking %: 7.875 Non Smoking %: 0.500. | Smoking | Non Smoking |  |
| 32 | 2020-08-27 at 15-42-36.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 15-42-36.mp4) | Smoking %: 0.519.. Non Smoking %: 0.481 | Smoking | Smoking %: 1.308 Non Smoking %: 0.000 | Smoking | Smoking |  |
| 33 | 5d7224\_\_P1080.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/5d7224__P1080.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000 | Smoking | Smoking %: 3.286 Non Smoking %: 0.000.. | Smoking | Smoking |  |
| 34 | 2020-08-29 at 16-18-38.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-18-38.mp4) | Smoking %: 0.676.. Non Smoking %: 0.324 | Smoking | Smoking %: 7.500 Non Smoking %: 0.375 | Smoking | Non Smoking |  |
| 35 | 2020-08-29 at 16-22-30.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-22-30.mp4) | Smoking %: 0.110.. Non Smoking %: 0.890 | Non Smoking | Smoking %: 6.750  Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 36 | 2020-08-27 at 16-08-28.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 16-08-28.mp4) | Smoking %: 0.191.. Non Smoking %: 0.809 | Non Smoking | Smoking %:13.600 Non Smoking %: 1.000 | Smoking | Smoking |  |
| 37 | 2020-08-29 at 16-23-35.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-23-35.mp4) | Smoking %: 0.199.. Non Smoking %: 0.801 | Non Smoking | Smoking %:1.867.. Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 38 | db2\_\_P1080.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/db2__P1080.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000 | Smoking | Smoking %: 2.571  Non Smoking %: 0.000 | Smoking | Smoking |  |
| 39 | sf92zwogp\_\_e3.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/sf92zwogp__e3.mp4) | Smoking %: 0.244.. Non Smoking %: 0.756 | Non Smoking |  |  | Non Smoking |  |
| 40 | 2020-08-27 at 15-41-56.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 15-41-56.mp4) | Smoking %: 0.961.. Non Smoking %: 0.039 | Smoking | Smoking %: 5.250 Non Smoking %: 0.500 | Smoking | Smoking |  |
| 41 | 2020-08-29 at 16-21-36.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-21-36.mp4) | Smoking %: 0.962.. Non Smoking %: 0.038. | Smoking | Smoking %: 4.538 Non Smoking %: 0.692 | Smoking | Non Smoking |  |
| 42 | 2020-08-27 at 15-40-26.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-27 at 15-40-26.mp4) | Smoking %: 0.203.. Non Smoking %: 0.797. | Non Smoking | Smoking %: 5.143  Non Smoking %: 0.000.. | Smoking | Non Smoking |  |
| 43 | 2020-08-29 at 16-19-26.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-19-26.mp4) | Smoking %: 0.671.. Non Smoking %: 0.329 | Smoking |  |  | Smoking |  |
| 44 | 870ea\_\_P1080.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/870ea__P1080.mp4) | Smoking %: 1.000.. Non Smoking %: 0.000 | Smoking | Smoking %:13.333  Non Smoking %: 0.000 | Smoking | Non Smoking |  |
| 45 | 2020-08-29 at 16-17-33.mp4  [link](file:///home/hduser/Bai-labs/bai_labs-master/testedvideo/2020-08-29 at 16-17-33.mp4) | Smoking %: 0.159.. Non Smoking %: 0.841 | Non Smoking |  |  | Non Smoking |  |
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