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kernel_size=hp.Choice('conv_1_kernel',values=[3,5]),\n",
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layer\n",
             ])\n",
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                                                                           1\u001b[0;31m
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129\u001b[0m \u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
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\u001b[0;36mrun_trial\u001b[0;34m(self,
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96\u001bl0:31m
                                                                                                        \u001b[0mhistory\u001b[0m \u001b[0;34m=\u001b[0m
m\u001b[0;34m(\u001b[0m\u001
\u001b[0mfit_args\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0mcopied_fit_kwargs\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0m\u
001b[0;34m\u001b[0m\u001b[0m\n\u001b[0m\u001b[1;32m
                                                                                                                                                                                                                                97\u001b[0m
                                                                                                              \u001b[0mmetric\u001b[0m\u001b[0;34m,\u001b[0m
\u001bl0:32mfor\u001bl0m
\u001bl0mepoch values\u001bl0m
                                                                                                                                                                                          \u001bl0:32min\u001bl0m
\u001b[0mhistory\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0mhistory\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0]]])]
34m.\u001b[0m\u001b[0m\u001b[0m\u001b]] - 1001b[0m\u001b] - 1001
0m\\u001b[0;34m\\u001b[0m\\u001b[0;34m\\u001b[0m\\u001b[0]m\\h)
                                                              98\u001b[0m
                                                                                                                                                                                           \u001b[0;32mif\u001b[0m
u001b[1;32m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0moracle\u001b[0m\u001b[0;34
m.\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b]]]
001b[0m
                                                                                                                                                                                        \u001b[0;34m==\u001b[0m
\u001b[0;34m'min'\u001b[0m\u001b[0;34m:\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34
m\u001b[0m\u001b[0m\n",
                                       "\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/kerastuner/engine/tuner.py\u001b[0m
                                                                                                                                                                                                                                                                in
\u001b[0;36m_build_and_fit_model\u001b[0;34m(self,
                                                                                                                                                                                             trial.
                                                                                                                                                                                                                                              fit_args,
fit_kwargs)\u001b[0m\n\u001b[1;32m]
                                                                                                                           139\u001b[0m
                                                                                                                                                                                                          \"\"\"\n\u001b[1;32m
140\u001bl0m
                                                                                                       \u001b[0mmodel\u001b[0m \u001b[0;34m=\u001b[0m
\u001b[0mself\u001b[0m\u001b[0m\u001b[0m\u001b]]]
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 $\label{logaline} $$m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0;32m-->]] $$141\u001b[0;32m-->] $$141\u001b[0;31m \\ \u001b[0m\u001b[0$ 

 $0;34m.\u001b[0m\u00$ 

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142\u001b[0m \u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                         143\u001b[0m
\u001b[0;32mdef\u001b[0m
\u001b[0mrun_trial\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0mself\u001b[0m\u001b[0;3
4m,\u001b[0m
                                                                         \u001b[0mtrial\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m*\u001b[0m\u001b[0mfit_args\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m**\u001b[0m\u001b[0mfit_kwargs\u001b[0m\u001b[0;34m)\u001b[0m\u001b[
0;34m:\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b]]]
                        \u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/engine/training.py\u001b[0m
                                                                                                                                                                 in
\u001b[0;36mfit\u001b[0;34m(self, x, y,
                                                                                  batch_size,
                                                                                                          epochs,
                                                                                                                                                  callbacks,
                                                                                                                              verbose,
validation_split, validation_data, shuffle, class_weight, sample_weight, initial_epoch,
steps_per_epoch, validation_steps, validation_batch_size, validation_freq, max_queue_size,
                      use_multiprocessing)\u001b[0m\n\u001b[1;32m]
workers.
                                                                                                                                       1181\u001b[0m
                                                                                                                                       1182\u001bl0m
\u001bl0mcallbacks\u001bl0m\u001bl0:34m.\u001bl0m\u001bl0mon train batch begin\u0
01b[0m\u001b[0;34m(\u001b[0m\u001b[0mstep\u001b[0m\u001b[0;34m)\u001b[0m\u001b
[0;34m\u001b[0m\u001b[0;32m-> 1183\u001b[0;31m
                                                                                                                     \u001bl0:34m=\u001bl0m
\u001b[0mtmp_logs\u001b[0m
b[0;34m(\u001b[0m\u001b[0m\u001b[0m\u001b[0;34m)\u001b[0;34m)\u001b[0m\u001b[0;34m\u0
01b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0m\u001b[0]]]]
                                                                                                                                       1184\u001b[0m
\u001b[0;32mif\u001b[0m
\u001b[0mdata_handler\\u001b[0m\\u001b[0;34m.\\u001b[0m\\u001b[0mshould_sync\\u001b[0]]
m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b]]]]
001b[1;32m
                                                                                                                                       1185\u001b[0m
\u001bl0mcontext\u001bl0m\u001bl0:34m.\u001bl0m\u001bl0masvnc wait\u001bl0m\u00
1b[0;34m(u001b[0mu001b[0;34m)u001b[0mu001b[0;34mu001b[0;34m]u0001b[0;34m]u0001b[0;34m]u0001b[0;34m]u0001b[0;34m]u0001b[0;34m]u0001b[0;34m]u0001b[0;3
[0m\u001b[0m\n",
                        \u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/def_function.py\u001b[0m
                                                                                                                                                                 in
\u001b[0;36m_call_\u001b[0;34m(self,
                                                                                 *args,
                                                                                                      **kwds)\u001b[0m\n\u001b[1;32m
887\u001b[0m \u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                         888\u001b[0m
\u001b[0:32mwith\u001b[0m
\u001b[0mOptionalXlaContext\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0m\u001b[0m\self\u001b[0m]
\u001b[0;34m.\u001b[0m\u001b[0m_jit_compile\u001b[0m\u001b[0:34m)\u001b[0m\u001b[
0:34m:\u001bf0m\u001bf0:34m\u001bf0m\u001bf0:34m\u001bf0m\u001bf0m\u001bf0m\u001bf0m\u001bf0
m--> 889\u001b[0:31m
                                                                   \u001b[0mresult\u001b[0m \u001b[0;34m=\u001b[0m]]]
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m_call\u001b[0m\u001b[0;34m(
\u001b[0m\u001b[0;34m*\u001b[0m\u001b[0margs\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m**\u001b[0m\u001b[0mkwds\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34
m\u001b[0m
890\u001b[0m \u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                         891\u001b[0m
\u001b[0mnew_tracing_count\u001b[0m
                                                                                                                      \u001b[0;34m=\u001b[0m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0mexperimental_get_tracing_cou
nt\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0m\u0
01b[0:34m\u001b[0m\u001b[0m\n",
                        "\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/def_function.py\u001b[0m
                                                                                                                                                                 in
\u001b[0;36m_call\u001b[0;34m(self,
                                                                              *args,
                                                                                                      **kwds)\u001b[0m\n\u001b[1;32m
931\u001b[0m
                                              \u001b[0;31m# This is the first call of __call__, so we have to
initialize.\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0];34m\u001b[0]]
m\u001b[0m\n\u001b[1;32m
                                                             932\u001b[0m
                                                                                                           \u001b[0minitializers\u001b[0m
\u001b[0;34m=\u001b[0m
\u001b[0;34m[\u001b[0m\u001b[0;34m]\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u
001b[0m\u001b[0m\n\u001b[0;32m-->
                                                                                                                                    933\u001b[0:31m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m_initialize\u001b[0m\u001b[0;34m.\u001b[0;34m]]]]
34m(\u001bl0m\u001bl0margs\u001bl0m\u001bl0:34m,\u001bl0m
\u001b[0mkwds\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0madd_initializers_to\u001b[0m\u001b[0;34m=\u001b[0m\u001b[0minitializers\u00
```

0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b]0]

```
1b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0m\u001b[0]
m\n\u001b[0m\u001b[1;32m
                                                                                                                                                                                                                                                         934\u001b[0m
\u001b[0;32mfinally\u001b[0m\u001b[0;34m:\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;3
4m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                                   935\u001b[0m
                                                                                                                                                                                                                               \u001b[0;31m# At this
                                                              know
                                                                                                  that
                                                                                                                                                             initialization
                                                                                                                                                                                                                                              complete
                                                                                                                                                                                                                      is
less\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0;34m\u001b[0]]])
001b[0m\n",
                                           "\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/def_function.py\u001b[0m
                                                                                                                                                                                                                                                                                                  in
\u001b[0;36m_initialize\u001b[0;34m(self,
                                                                                                                                                                                                                                                                                      kwds,
                                                                                                                                                                                                      args,
                                                                                                                                                                                                                                                         762\u001b[0m
add_initializers_to)\u001b[0m\n\u001b[1;32m
                                                                                                                                                                                                                                                         763\u001b[0m
                                                                                                                       (\n\u001b[1:32m
self, concrete stateful fn
self._stateful_fn._get_concrete_function_internal_garbage_collected(
                                                                                                                                                                                                                                                               #
                                                                                                                                                                                                                                                                                     pylint:
disable=protected-access\n\u001b[0;32m--> 764\u001b[0;31m
                                                                                                                                                                                                                                                                                      *args,
                                                                                                                                                                                                                                                         765\u001bl0m
**kwds))\n\u001b[0m\u001b[1:32m
\u001b[0:34m\u001b[0m\u001b[0m\n\u001b[1:32m]
                                                                                                                                                                                                                                                         766\u001bl0m
\u001b[0;32mdef\u001b[0m
\u001bl0minvalid creator scope\u001bl0m\u001bl0:34m(\u001bl0m\u001bl0:34m*\u001bl
0m\u001b[0munused_args\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m**\u001b[0m\u001b[0munused_kwds\u001b[0m\u001b[0;34m)\u001b[0m\u00
1b[0;34m:\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b
                                            \u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/function.py\u001b[0m
                                                                                                                                                                                                                                                                                                  in
\u001b[0;36m_get_concrete_function_internal_garbage_collected\u001b[0;34m(self,
                                                                                                                                                                                                                                                     3048\u001b[0m
**kwargs)\u001b[0m\n\u001b[1;32m
                                                                                                                                                                                                           \u001b[0mkwargs\u001b[0m
\u001b[0margs\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0:34m=\u001b[0m
                                                                                                                      \u001b[0:32mNone\u001b[0m\u001b[0:34m.\u001b[0m
\u001b[0;32mNone\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\
                                                                                       3049\u001b[0m
n\u001b[1;32m
                                                                                                                                                                                                           \u001b[0;32mwith\u001b[0m
\label{lem:locklu001b} $$ \u001b[0m\u001b[0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u001b[0m\u001b]0m\u
\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n001b[0m\n\u001b[0;32m->
3050\u001b[0;31m
                                                                                                \u001b[0mgraph_function\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0m_\u001b[0m
                                                                                                                                                                                                                     \u001b[0;34m=\u001b[0m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m_maybe_define_function\u001b[0m]]]
b[0m\u001b[0;34m(\u001b[0m\u001b[0margs\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0mkwargs\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b]0]]
m\u001b[0m\u001b[0m\n\u001b[0m\u001b[1:32m]
                                                                                                                                                                                                                                                     3051\u001bl0m
\u001bl0:32mreturn\u001bl0m
\u001b[0mgraph_function\u001b[0m\u001b[0:34m\u001b[0m\u001b[0:34m\u001b[0m\u001
                                                                             3052\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n",
b[0m\n\u001b[1:32m
                                            \u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/function.py\u001b[0m
                                                                                                                                                                                                                                                                                                  in
\u001b[0;36m_maybe_define_function\u001b[0;34m(self,
                                                                                                                                                                                                                                                                                        args,
kwargs)\u001b[0m\n\u001b[1;32m]
                                                                                                                                                                                                                                                     3442\u001b[0m
\u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                                                                                                                                     3443\u001b[0m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m_function_cache\u001b[0m\u0
01b[0;34m.\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0]34m.\u001b[0m\u001b[0m\u001b[0]
u001b[0m\u001b[0;34m(\u001b[0m\u001b[0mcall_context_key\u001b[0m\u001b[0;34m)\u0
01b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b]]]]
3444\u001b[0;31m
                                                                                                                                                                                  \u001b[0mgraph_function\u001b[0m
\u001b[0;34m=\u001b[0m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m\_create\_graph\_function\u001b]]
[0m\u001b[0;34m(\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001
\u001b[0mkwargs\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0;34m\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]\u001b[0;34m]
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01b[0;34m.\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u
he kev\u001bl0m\u001bl0:34ml\u001bl0m
                                                                                                                                                                                                                     \u001bl0:34m=\u001bl0m
\u001bl0mgraph_function\u001bl0m\u001bl0:34m\u001bl0m\u001bl0m\u001bl0m\u001bl0m\u001
                                                                         3446\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n",
b[0m\n\u001b[1;32m
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"\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/function.py\u001b[0m
                                                                                                                                                                   in
\u001b[0;36m_create_graph_function\u001b[0;34m(self,
                                                                                                                                                        kwargs,
                                                                                                                          args,
override_flat_arg_shapes)\u001b[0m\n\u001b[1;32m
                                                                                                                                          3287\u001b[0m
\u001b[0marg_names\u001b[0m\u001b[0;34m=\u001b[0m\u001b[0marg_names\u001b[0m
\u001b[0;34m,\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n\u0
01b[1:32m
                                                                                                                                          3288\u001b[0m
\u001b[0moverride_flat_arg_shapes\u001b[0m\u001b[0;34m=\u001b[0m\u001b[0moverride_flat_arg_shapes]]]
flat_arg_shapes\u001b[0m\u001b[0;34m,\u001b[0m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b
u001b[0m\u001b[0m\n\u001b[0;32m->
                                                                                                                                    3289\u001b[0;31m
capture_by_value=self._capture_by_value),\n\u001b[0m\u001b[1;32m
                                                                                                                                          3290\u001b[0m
\u001b[0mself\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0m_function_attributes\u001b[0m
\u001b[0;34m,\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0m\n\u0
01b[1;32m
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\u001bl0mfunction spec\u001bl0m\u001bl0:34m=\u001bl0m\u001bl0mself\u001bl0m\u00
1bl0:34m.\u001bl0m\u001bl0mfunction spec\u001bl0m\u001bl0:34m.\u001bl0m\u001bl0:
34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n",
                        "\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/framework/func_graph.py\u001b[0m
                                                                                                                                                                   in
\u001b[0;36mfunc_graph_from_py_func\u001b[0;34m(name, python_func, args, kwargs,
signature, func_graph, autograph, autograph_options, add_control_dependencies, arg_names,
                                                                       collections,
                                                                                                                                       capture_by_value,
op_return_value,
override_flat_arg_shapes)\u001b[0m\n\u001b[1;32m
                                                                                                                                            997\u001b[0m
\u001b[0m_\u001b[0m\u001b[0;34m,\u001b[0m
                                                                                                        \u001b[0moriginal_func\u001b[0m
\u001b[0;34m=\u001b[0m
\u001b[0mtf_decorator\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0munwrap\u001b[0m\u0
01b[0;34m(\u001b[0m\u001b[0mython_func\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;
34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m]]]
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\u001b[0mfunc_outputs\u001b[0m
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b[0mfunc_args\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m**\u001b[0m\u001b[0mfunc_kwargs\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0m\u001b[0m\u001b[0m]]
1b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n\u001b[0m\u001b[0]
1000\u001b[0m \u001b[0;34m\u001b[0m\u001b[0m\n\u001b[1;32m
                                                                                                                                          1001\u001b[0m
\u001b[0;31m#
                                       invariant:
                                                                    `func_outputs`
                                                                                                         contains
                                                                                                                                                       Tensors,
CompositeTensors,\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0;34m\u001b]0]]
m\u001b[0m\u001b[0m\n",
                        "\u001b[0;32m/usr/local/lib/python3.7/dist-
packages/tensorflow/python/eager/def_function.py\u001b[0m
                                                                                                                                                                   in
\u001b[0;36mwrapped_fn\u001b[0;34m(*args,
                                                                                                       **kwds)\u001b[0m\n\u001b[1;32m
                                               \u001b[0;31m# the function a weak reference to itself to avoid a
670\u001b[0m
reference
cycle.\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b]]])
                                                           671\u001b[0m
u001b[0m\n\u001b[1;32m
                                                                                                                  \u001b[0;32mwith\u001b[0m
\u001b[0mOptionalXlaContext\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0mcompile_with_
xla\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m:\u001b[0m\u001b[0;34m\u001b[0m\u001b[0]]]]
001b[0;34m\u001b[0m\u001b[0m\n\u001b[0;32m-->
                                                                                                                                      672\u001b[0;31m
\u001b[0mout\u001b[0m
                                                                                                                       \u001b[0:34m=\u001b[0m
\u001b[0mweak\_wrapped\_fn\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001
u001b[0;34m.\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0]]
0;34m*\u001b[0m\u001b[0margs\u001b[0m\u001b[0;34m,\u001b[0m
\u001b[0;34m**\u001b[0m\u001b[0mkwds\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34
m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n\u001b[0m\u001b[];32m\u001b[0m\u001b[0;34m\u001b[0m\u001b[]]]]]
673\u001bl0m
                                                                                                               \u001b[0:32mreturn\u001b[0m
\u001b[0mout\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n\u00
                        674\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\n",
1b[1;32m
                        "\u001b[0:32m/usr/local/lib/pvthon3.7/dist-
packages/tensorflow/python/framework/func_graph.py\u001b[0m
                                                                                                                                                                   in
\u001b[0;36mwrapper\u001b[0;34m(*args,
                                                                                                    **kwargs)\u001b[0m\n\u001b[1;32m
```

```
984\u001b[0m
                                                         \u001b[0;32mexcept\u001b[0m \u001b[0mException\u001b[0m
\u001b[0;32mas\u001b[0m
                                                                                        \u001b[0me\u001b[0m\u001b[0;34m:\u001b[0m
\u001b[0;31m#
                                                                                                                                                pylint:disable=broad-
except\u001b[0m\u001b[0;34m\u001b[0m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u00
                           985\u001b[0m
                                                                                                                                     \u001b[0;32mif\u001b[0m
\u001b[0mhasattr\u001b[0m\u001b[0;34m(\u001b[0m\u001b[0me\u001b[0m\u001b[0;34m,
\u001bl0m
\u001b[0;34m\"ag_error_metadata\"\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m:\u00
1b[0m\backslash u001b[0;34m\backslash u001b[0m\backslash u001b[0;34m\backslash u001b[0m\backslash u001b[0;32m-->
986\u001b[0;31m
                                                                                                                              \u001b[0;32mraise\u001b[0m
\u001b[0me\u001b[0m\u001b[0;34m.\u001b[0m\u001b[0mag_error_metadata\u001b[0m\u0
01b[0;34m.\u001b[0m\u001b[0m\u001b[0m\u001b[0m\u001b[0]
me\u001b[0m\u001b[0;34m)\u001b[0m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[0;34m\u001b[
001b[0m\n\u001b[0m\u001b[1:32m
                                                                                                                                                            987\u001b[0m
\u001bl0:32melse\u001bl0m\u001bl0:34m:\u001bl0m\u001bl0:34m\u001bl0m\u001bl0m\u001bl0:34
m\u001b[0m\u001b[0m\n\u001b[1:32m]
                                                                                                                                                            988\u001bl0m
\u001b[0;32mraise\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u001b[0m\u
                           "\u001b[0:31mValueError\u001b[0m:
                                                                                                                     in
                                                                                                                                           user
                                                                                                                                                                      code:\n\n
/usr/local/lib/python3.7/dist-packages/tensorflow/python/keras/engine/training.py:855
                                         *\n
train function
                                                                                                        return step_function(self,
                                                                                                                                                                     iterator)\n
/usr/local/lib/python3.7/dist-packages/tensorflow/python/keras/engine/training.py:845
step_function
                                                                                  outputs = model.distribute_strategy.run(run_step,
args=(data,))\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/distribute/distribute_lib.py:1285 run\n
self._extended.call_for_each_replica(fn,
                                                                                                      args=args,
                                                                                                                                                    kwargs=kwargs)\n
/usr/local/lib/python3.7/dist-packages/tensorflow/python/distribute/distribute_lib.py:2833
call_for_each_replica\n
                                                                            return self._call_for_each_replica(fn, args, kwargs)\n
/usr/local/lib/python3.7/dist-packages/tensorflow/python/distribute/distribute_lib.py:3608
_call_for_each_replica\n
                                                                                                                                        fn(*args,
                                                                                                                                                                 **kwargs)\n
                                                                                                                     return
/usr/local/lib/python3.7/dist-packages/tensorflow/python/keras/engine/training.py:838
run_step **\n
                                                 outputs = model.train_step(data)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/engine/training.py:797 train_step\n
                                                                                                                                                                      y, y_pred,
sample_weight, regularization_losses=self.losses)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/engine/compile_utils.py:187
                                                                                                                                                                        _call__\n
self.build(y_pred)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/engine/compile_utils.py:136 build\n
                                                                                                                                                                  self. losses
= nest.map_structure(self._get_loss_object, self._losses)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/util/nest.py:867 map_structure\n
                                                                                                                                               structure[0], [func(*x)
                                                                                                                               /usr/local/lib/python3.7/dist-
                                                  entries].\n
packages/tensorflow/python/util/nest.py:867 < listcomp>\n
                                                                                                                                        structure[0], [func(*x) for
                                                                                                                               /usr/local/lib/python3.7/dist-
                                      entries],\n
packages/tensorflow/python/keras/engine/compile_utils.py:276
                                                                                                                                                    _get_loss_object\n
                                losses_mod.get(loss)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/losses.py:2078
                                                                                                           get\n
                                                                                                                                                                             return
deserialize(identifier)\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/losses.py:2037
                                                                                                                                                               deserialize\n
printable_module_name='loss
                                                                  function')\n
                                                                                                                               /usr/local/lib/python3.7/dist-
packages/tensorflow/python/keras/utils/generic_utils.py:703
                                                                                 .format(printable_module_name, object_name))\n\n
deserialize_keras_object\n
ValueError: Unknown loss function: sparse_categorial_crossentropy. Please ensure this
obiect
                                      passed
                                                                                 the
                                                                                                   'custom objects'
                                                                                                                                                 argument.
                                                                                                                                                                                  See
                       is
                                                                 to
https://www.tensorflow.org/guide/keras/save_and_serialize#registering_the_custom_object
for details.\n"
                 }
             ]
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```

```
"metadata": {
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                                               "height": 200
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                            },
                              "source": [
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                             "execution_count": null,
                             "outputs": [
                                      {
                                               "output_type": "error",
                                               "ename": "NameError".
                                               "evalue": "ignored",
                                               "traceback": [
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                                                                                                                                                                                                                                                                                                                       --\u001b[0m",
                                                         "\u001b[0;31mNameError\u001b[0m
Traceback (most recent call last)",
                                                         "\u001b[0;32m<ipython-input-57-fb296ec7c5f9>\u001b[0m
                                                                                                                                                                                                                                                                                                                                                                                              in
\u001b[0;36m<module>\u001b[0;34m()\u001b[0m\n\u001b[0;32m---->
                                                                                                                                                                                                                                                                                                                                     1\u001b[0;31m
\u001b[0mmodel\u001b[0m\u001b[0;34m=\u001b[0m\u0
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\u0001b[0;34m\u001b[0m\u001b[0;34m\u001b[0m\u001b[0m\u]]]]
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