Model: "sequential\_23"

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Layer (type) Output Shape Param #

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dense\_214 (Dense) (None, 1129) 1274641

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dense\_215 (Dense) (None, 95) 107350

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dense\_216 (Dense) (None, 95) 9120

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dense\_217 (Dense) (None, 95) 9120

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dense\_218 (Dense) (None, 95) 9120

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dense\_219 (Dense) (None, 95) 9120

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dense\_220 (Dense) (None, 95) 9120

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dense\_221 (Dense) (None, 95) 9120

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dense\_222 (Dense) (None, 1) 96

=================================================================

Total params: 1,436,807

Trainable params: 1,436,807

Non-trainable params: 0

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Epoch 1/25

56/56 [==============================] - 4s 41ms/step - loss: 0.0501 - mse: 0.0501 - mae: 0.1612 - val\_loss: 0.0090 - val\_mse: 0.0090 - val\_mae: 0.0744

Epoch 2/25

56/56 [==============================] - 2s 33ms/step - loss: 0.0078 - mse: 0.0078 - mae: 0.0696 - val\_loss: 0.0070 - val\_mse: 0.0070 - val\_mae: 0.0652

Epoch 3/25

56/56 [==============================] - 2s 33ms/step - loss: 0.0064 - mse: 0.0064 - mae: 0.0631 - val\_loss: 0.0052 - val\_mse: 0.0052 - val\_mae: 0.0567

Epoch 4/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0048 - mse: 0.0048 - mae: 0.0540 - val\_loss: 0.0045 - val\_mse: 0.0045 - val\_mae: 0.0528

Epoch 5/25

56/56 [==============================] - 2s 31ms/step - loss: 0.0037 - mse: 0.0037 - mae: 0.0475 - val\_loss: 0.0042 - val\_mse: 0.0042 - val\_mae: 0.0506

Epoch 6/25

56/56 [==============================] - 2s 35ms/step - loss: 0.0033 - mse: 0.0033 - mae: 0.0449 - val\_loss: 0.0049 - val\_mse: 0.0049 - val\_mae: 0.0552

Epoch 7/25

56/56 [==============================] - 2s 35ms/step - loss: 0.0034 - mse: 0.0034 - mae: 0.0451 - val\_loss: 0.0045 - val\_mse: 0.0045 - val\_mae: 0.0517

Epoch 8/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0029 - mse: 0.0029 - mae: 0.0424 - val\_loss: 0.0038 - val\_mse: 0.0038 - val\_mae: 0.0472

Epoch 9/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0024 - mse: 0.0024 - mae: 0.0377 - val\_loss: 0.0037 - val\_mse: 0.0037 - val\_mae: 0.0464

Epoch 10/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0020 - mse: 0.0020 - mae: 0.0351 - val\_loss: 0.0043 - val\_mse: 0.0043 - val\_mae: 0.0509

Epoch 11/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0024 - mse: 0.0024 - mae: 0.0385 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0461

Epoch 12/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0017 - mse: 0.0017 - mae: 0.0318 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0460

Epoch 13/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0015 - mse: 0.0015 - mae: 0.0303 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0460

Epoch 14/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0013 - mse: 0.0013 - mae: 0.0281 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0462

Epoch 15/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0014 - mse: 0.0014 - mae: 0.0292 - val\_loss: 0.0034 - val\_mse: 0.0034 - val\_mae: 0.0449

Epoch 16/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0010 - mse: 0.0010 - mae: 0.0251 - val\_loss: 0.0035 - val\_mse: 0.0035 - val\_mae: 0.0452

Epoch 17/25

56/56 [==============================] - 2s 32ms/step - loss: 8.3134e-04 - mse: 8.3134e-04 - mae: 0.0226 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0457

Epoch 18/25

56/56 [==============================] - 2s 32ms/step - loss: 7.6940e-04 - mse: 7.6940e-04 - mae: 0.0218 - val\_loss: 0.0035 - val\_mse: 0.0035 - val\_mae: 0.0454

Epoch 19/25

56/56 [==============================] - 2s 31ms/step - loss: 9.1196e-04 - mse: 9.1196e-04 - mae: 0.0238 - val\_loss: 0.0036 - val\_mse: 0.0036 - val\_mae: 0.0457

Epoch 20/25

56/56 [==============================] - 2s 32ms/step - loss: 8.6286e-04 - mse: 8.6286e-04 - mae: 0.0228 - val\_loss: 0.0037 - val\_mse: 0.0037 - val\_mae: 0.0463

Epoch 21/25

56/56 [==============================] - 2s 32ms/step - loss: 0.0011 - mse: 0.0011 - mae: 0.0257 - val\_loss: 0.0050 - val\_mse: 0.0050 - val\_mae: 0.0540

Epoch 22/25

56/56 [==============================] - 2s 35ms/step - loss: 0.0011 - mse: 0.0011 - mae: 0.0259 - val\_loss: 0.0034 - val\_mse: 0.0034 - val\_mae: 0.0449

Epoch 23/25

56/56 [==============================] - 2s 33ms/step - loss: 4.7359e-04 - mse: 4.7359e-04 - mae: 0.0171 - val\_loss: 0.0033 - val\_mse: 0.0033 - val\_mae: 0.0443

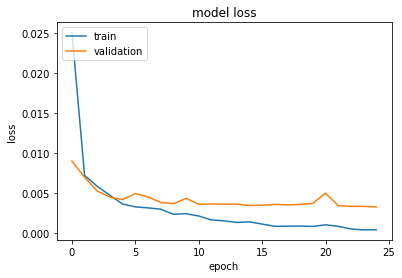
Epoch 24/25

56/56 [==============================] - 2s 32ms/step - loss: 4.0978e-04 - mse: 4.0978e-04 - mae: 0.0158 - val\_loss: 0.0033 - val\_mse: 0.0033 - val\_mae: 0.0444

Epoch 25/25

56/56 [==============================] - 2s 32ms/step - loss: 4.0449e-04 - mse: 4.0449e-04 - mae: 0.0156 - val\_loss: 0.0033 - val\_mse: 0.0033 - val\_mae: 0.0437

dict\_keys(['loss', 'mse', 'mae', 'val\_loss', 'val\_mse', 'val\_mae'])



R^2: 0.8434209825573347

Explained Variance: 0.8435859390622541

RMSE: 0.05873060240959676

(0.8434209825573347, 0.8435859390622541, 0.05873060240959676)