model.summary() Model: "sequential"	un_squared_error", keras.optimizers.SGD(lr=1e-3), 'mae"])
Layer (type) ====================================	Output Shape Param # (None, 30) 270 (None, 30) 930 (None, 1) 31
Epoch 1/20 363/363 [===================================	**E(X_train, y_train, epochs = 20, validation_data = (X_valid, y_valid)) ***E================================
363/363 [===================================	
363/363 [===================================	
Toss': [1.88663971424102	14,
0.8	mae — val_loss — val_mae
<pre>0.0 0.0 2.5 0.0 X_new = X_test[:3] y_pred = model.predict(X_print(y_pred)) print(y_test[:3])</pre>	new)
[[0.5328768] [1.8915398] [3.404087]] [0.477	on()
<pre>input_ = keras.layers.Inp hidden1 = keras.layers.De hidden2 = keras.layers.De concat = keras.layers.con output = keras.layers.Den</pre>	out(shape =X_train.shape[1:]) ense(30, activation = "relu")(input_) ense(30, activation = "relu")(hidden1) ense(10, activation = "relu")(hidden1) ense(10, activation = "relu")(hidden1)
Layer (type) ====================================	Output Shape Param # Connected to [(None, 8)] 0 (None, 30) 270 input_1[0][0] (None, 30) 930 dense[0][0] (None, 38) 0 input_1[0][0] dense_1[0][0] (None, 1) 39 concatenate[0][0]
Total params: 1,239 Trainable params: 1,239 Non-trainable params: 0 model.compile(loss = "mea optimizer = metrics = [" model_history = model.fit Epoch 1/50	un_squared_error", keras.optimizers.SGD(lr=1e-3),
363/363 [===================================	
Epoch 9/50 363/363 [===================================	
Epoch 17/50 363/363 [===================================	
Epoch 25/50 363/363 [===================================	
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Epoch 47/50 363/363 [=========== Epoch 48/50 363/363 [========= Epoch 49/50 363/363 [===================================	
0.34546419978141785, 0.3446158170700073, 0.34396031498908997, 0.3441402316093445, 0.34288734197616577, 0.34237080812454224, 0.34265634417533875, 0.3415549397468567], 'mae': [0.4339237809181210.4326052963733673, 0.4328071177005768, 0.4315342903137207, 0.43099021911621094, 0.43039077520370483, 0.4296959936618805, 0.42937299609184265, 0.4287203252315521, 0.42812028527259827, 0.42676690220832825, 0.42674690220832825, 0.4264203608036041, 0.42547348141670227, 0.4254412055015564, 0.4250515103340149, 0.42441755533218384, 0.42419376969337463, 0.4228838086128235, 0.4223436117172241, 0.42287189412117004, 0.42237189412117004, 0.422821891307831, 0.4208475947380066, 0.42085182666778564, 0.42051246762275696, 0.4202641248703003, 0.4194088280200958, 0.41958239674568176, 0.4189318120479584, 0.4182455837726593, 0.41795453429222107,	34,
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