```
print("\n Model Summary:")
model.summary()
```

```
 Number of epochs used: 9
Epoch 1/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 1s 15ms/step - loss: 0.3720 - mae: 0.3720 - val_loss: 0.2654 - val_mae: 0.2654
Epoch 2/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2809 - mae: 0.2809 - val_loss: 0.2667 - val_mae: 0.2667
Epoch 3/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2743 - mae: 0.2743 - val_loss: 0.2636 - val_mae: 0.2636
Epoch 4/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2636 - mae: 0.2636 - val_loss: 0.2613 - val_mae: 0.2613
Epoch 5/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2650 - mae: 0.2650 - val_loss: 0.2612 - val_mae: 0.2612
Epoch 6/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2641 - mae: 0.2641 - val_loss: 0.2608 - val_mae: 0.2608
Epoch 7/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2656 - mae: 0.2656 - val_loss: 0.2610 - val_mae: 0.2610
Epoch 8/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2528 - mae: 0.2528 - val_loss: 0.2607 - val_mae: 0.2607
Epoch 9/9
13/13 ━━━━━━━━━━━━━━━━━━━━ 0s 5ms/step - loss: 0.2615 - mae: 0.2615 - val_loss: 0.2616 - val_mae: 0.2616
7/7 ━━━━━━━━━━━━━━━━━━━━ 0s 3ms/step - loss: 0.2445 - mae: 0.2445

 Final Test MAE: 0.24447956681251526

 Model Summary:
```

Model: "sequential_2"

Layer (type)	Output Shape	Param #
conv1d_4 (Conv1D)	(None, 16, 32)	192
max_pooling1d_3 (MaxPooling1D)	(None, 8, 32)	0
conv1d_5 (Conv1D)	(None, 4, 64)	10,304
max_pooling1d_4 (MaxPooling1D)	(None, 2, 64)	0
flatten_1 (Flatten)	(None, 128)	0
dense_4 (Dense)	(None, 64)	8,256
dropout_1 (Dropout)	(None, 64)	0
dense_5 (Dense)	(None, 1)	65

Total params: 56,453 (220.52 KB)

Trainable params: 18,817 (73.50 KB)

Non-trainable params: 0 (0.00 B)

Optimizer params: 37,636 (147.02 KB)