

Epoch 1/30

/usr/local/lib/python3.10/dist-packages/keras/src/layers/rnn/rnn.py:204: UserWarning:
Do not pass an `input_shape` / `input_dim` argument to a layer. When using Sequential
models, prefer using an `Input(shape)` object as the first layer in the model instead.

```
super().__init__(**kwargs)
```

983/983 ————— **8s** 3ms/step - loss: 0.0066

Epoch 2/30

983/983 ————— **5s** 3ms/step - loss: 1.6079e-04

Epoch 3/30

983/983 ————— **5s** 5ms/step - loss: 1.3503e-04

Epoch 4/30

983/983 ————— **3s** 3ms/step - loss: 4.9988e-04

Epoch 5/30

983/983 ————— **3s** 3ms/step - loss: 4.4819e-05

Epoch 6/30

983/983 ————— **3s** 3ms/step - loss: 4.0480e-04

Epoch 7/30

983/983 ————— **4s** 4ms/step - loss: 4.4491e-05

Epoch 8/30

983/983 ————— **4s** 3ms/step - loss: 3.4396e-04

Epoch 9/30

983/983 ————— **3s** 3ms/step - loss: 3.6031e-05

Epoch 10/30

983/983 ————— **4s** 4ms/step - loss: 2.7764e-04

Epoch 11/30

983/983 ————— **4s** 4ms/step - loss: 4.1954e-05

Epoch 12/30

983/983 ————— **3s** 3ms/step - loss: 1.7541e-04

Epoch 13/30

983/983 ————— **3s** 3ms/step - loss: 5.4460e-05

Epoch 14/30

983/983 ————— **6s** 4ms/step - loss: 2.3577e-04

Epoch 15/30

983/983 ————— **3s** 3ms/step - loss: 5.9514e-05

Epoch 16/30

983/983 ————— **5s** 3ms/step - loss: 1.4731e-04

Epoch 17/30

983/983 ————— **6s** 4ms/step - loss: 1.0967e-04

Epoch 18/30

983/983 ————— **3s** 3ms/step - loss: 1.3962e-04

Epoch 19/30

983/983 ————— **3s** 3ms/step - loss: 1.3510e-04

Epoch 20/30

983/983 ————— **6s** 4ms/step - loss: 1.4047e-04

Epoch 21/30

983/983 ————— **3s** 3ms/step - loss: 1.3213e-04

Epoch 22/30

983/983 ————— **5s** 3ms/step - loss: 1.0325e-04

Epoch 23/30

983/983 ————— **5s** 3ms/step - loss: 1.5905e-04

Epoch 24/30

983/983 ————— **3s** 3ms/step - loss: 4.7968e-05

Epoch 25/30

983/983 ————— **3s** 3ms/step - loss: 1.5447e-04

Epoch 26/30

983/983 ————— **5s** 3ms/step - loss: 3.8480e-05

Epoch 27/30

983/983 ————— **3s** 3ms/step - loss: 1.3743e-04

Epoch 28/30

983/983 ————— **3s** 3ms/step - loss: 4.3911e-05

Epoch 29/30

983/983 ————— **5s** 5ms/step - loss: 1.3507e-04

Epoch 30/30

983/983 ————— **3s** 3ms/step - loss: 4.0583e-05

31/31 ————— **1s** 13ms/step

8/8 ————— **0s** 3ms/step

Train MSE: 5.010483546765773, RMSE: 2.238410942335159, MAPE:
27.553496405283727%

Test MSE: 5.934565561604795, RMSE: 2.4360963777331954, MAPE:
5.395262933574852%



