

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 ————— **7s** 4ms/step - loss: 0.0059

Epoch 2/30

983/983 ————— **4s** 3ms/step - loss: 5.5204e-04

Epoch 3/30

983/983 ————— **5s** 3ms/step - loss: 3.2725e-04

Epoch 4/30

983/983 ————— **6s** 3ms/step - loss: 4.4100e-04

Epoch 5/30

983/983 ————— **3s** 3ms/step - loss: 3.1074e-04

Epoch 6/30

983/983 ————— **3s** 3ms/step - loss: 3.9739e-04

Epoch 7/30

983/983 ————— **7s** 4ms/step - loss: 2.3183e-04

Epoch 8/30

983/983 ————— **3s** 3ms/step - loss: 2.5110e-04

Epoch 9/30

983/983 ————— **3s** 3ms/step - loss: 2.1653e-04

Epoch 10/30

983/983 ————— **3s** 3ms/step - loss: 1.2136e-04

Epoch 11/30

983/983 ————— **4s** 4ms/step - loss: 3.0820e-04

Epoch 12/30

983/983 ————— **4s** 3ms/step - loss: 7.1474e-05

Epoch 13/30

983/983 ————— **5s** 3ms/step - loss: 2.3848e-04

Epoch 14/30

983/983 ————— **6s** 4ms/step - loss: 1.4916e-04

Epoch 15/30

983/983 ————— **4s** 3ms/step - loss: 1.4050e-04

Epoch 16/30

983/983 ————— **6s** 4ms/step - loss: 1.4657e-04

Epoch 17/30

983/983 ————— **4s** 3ms/step - loss: 1.9180e-04

Epoch 18/30

983/983 ————— **5s** 3ms/step - loss: 1.3936e-04

Epoch 19/30

983/983 ————— **6s** 4ms/step - loss: 1.6209e-04

Epoch 20/30

983/983 ————— **3s** 3ms/step - loss: 1.7487e-04

Epoch 21/30

983/983 ————— **3s** 3ms/step - loss: 1.9790e-04

Epoch 22/30

983/983 ————— **6s** 4ms/step - loss: 1.9474e-04

Epoch 23/30

983/983 ————— **3s** 3ms/step - loss: 1.5982e-04

Epoch 24/30

983/983 ————— **3s** 3ms/step - loss: 2.0752e-04

Epoch 25/30

983/983 ————— **3s** 3ms/step - loss: 1.9058e-04

Epoch 26/30

983/983 ————— **6s** 4ms/step - loss: 1.8310e-04

Epoch 27/30

983/983 ————— **4s** 3ms/step - loss: 1.7639e-04

Epoch 28/30

983/983 ————— **3s** 3ms/step - loss: 1.4824e-04

Epoch 29/30

983/983 ————— **3s** 3ms/step - loss: 1.5081e-04

Epoch 30/30

983/983 ————— **4s** 4ms/step - loss: 1.3240e-04

31/31 ————— **1s** 10ms/step

8/8 ————— **0s** 3ms/step

Train MSE: 30.866985267691465, RMSE: 5.555806446204859, MAPE:
27.8355237000179%

Test MSE: 7.929758056137728, RMSE: 2.815982609345755, MAPE:
5.5053135476459865%



